

Exhibit C

UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF TEXAS
AUSTIN DIVISION

UNITED STATES OF AMERICA,)
)
)
Plaintiff,)
)
v.)
)
GREG ABBOTT, in his capacity)
as Governor of the State of)
Texas, and THE STATE OF)
TEXAS,)
)
Defendants.)

No.: 1:23-cv-00853-DAE

ORAL AND VIDEOTAPED DEPOSITION OF

TIM MACALLISTER

MAY 31, 2024

ORAL AND VIDEOTAPED DEPOSITION OF TIM MACALLISTER,
produced as a witness at the instance of the DEFENDANTS, and
duly sworn, was taken in the above-styled and numbered cause on
May 31, 2024, from 9:10 a.m. to 3:23 p.m., before Amber Garcia,
Notary Public in and for the State of Texas, reported by
machine shorthand, at the U.S. Attorney's Office, Burnett
Plaza, 801 Cherry Street, Unit 34, Suite 1700, Fort Worth,
Texas 76102, pursuant to the Federal Rules of Civil Procedure.

1	APPEARANCES	2	EXHIBITS (CONTINUED)	4
2	FOR THE PLAINTIFF:	3	NO. DESCRIPTION PAGE	
3	MR. ANDREW KNUDSEN	3	Exhibit 15 Interactive Chart for East Coast 131	
4	U.S. Attorney's Office - Department of Justice	4	Exhibit 16 Intracoastal Waterway Shipping Route 131	
5	601 N. W. Loop 410	5	Exhibit 17 Wikipedia Tennessee-Tombigbee Waterway 133	
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14		14		
15		15		
16	ALSO PRESENT:	16		
17	James Deel, Jr., Videographer	17		
18	Bryan Harrison, U.S Department of Justice (Via Zoom)	18		
19	Kimere Kimball, U.S Department of Justice (Via Zoom)	19		
20	Melanie Casner, U.S. Army Corps of Engineers (Via Zoom)	20		
21	Ancil Taylor, Dredging Consulting (Via Zoom)	21		
22	Johnathan Stone, Office of the Attorney General (Via Zoom)	22		
23	Consulting Expert (Via Zoom)	23		
24	Consulting Expert (Via Zoom)	24		
25	Consulting Expert (Via Zoom)	25		

1	INDEX	3	PROCEEDINGS	5
2		2	THE VIDEOGRAPHER: This is the deposition of Tim	
3	Appearances..... 2	3	MacAllister in the matter of the United States of America	
4	TIM MACALLISTER	4	versus Greg Abbott, et al. Our location is Burnett Plaza,	
5	Examination by Mr. Bryant..... 7	5	Suite 1700 in Fort Worth, Texas, and we are on the record at	
6	Examination by Mr. Knudsen..... 163	6	9:10 a.m. My name is James Deel, Jr., and my business address	
7	Further Examination by Mr. Bryant..... 167	7	is 9901 Brodie Lane, Austin, Texas 78748. Would all persons	
8		8	present please introduce themselves for the record.	
9		9	MR. KNUDSEN: This is Andrew Knudsen, trial	
10	EXHIBITS	10	attorney of the U.S. Department of Justice on behalf of the	
11	NO. DESCRIPTION PAGE	11	plaintiffs. In addition in the office here, I have Katy Rooney	
12	Exhibit 1 1/24/2024 Letter 32	12	with the U.S. Army Corps of Engineers, Assistant District	
13	Exhibit 2 5/3/2024 Letter 33	13	Counsel.	
14	Exhibit 3 Expert Opinion Report 35	14	MR. BRYANT: I'm David Bryant. I'm with the	
15	Exhibit 4 Table of River Mileages 97	15	office of the Attorney General of Texas in Austin, Texas,	
16	Exhibit 5 First Amended Complaint 100	16	representing the defendants in this case.	
17	Exhibit 6 1975 Navigability Study 103	17	THE REPORTER: Mr. MacAllister, will you raise	
18	Exhibit 7 IBWC - About Us 111	18	your right hand --	
19	Exhibit 8 33 CFR Part 239 112	19	MS. KIMBALL: Oh -- this is Kimere Kimball from	
20	Exhibit 9 Message from the President of the United States 113	20	the U.S. Department of Justice. And I believe Bryan Harrison	
21	Exhibit 10 5/22/2024 News Story 116	21	is also trying to join and may join in the next few minutes.	
22	Exhibit 11 Binational Border Solutions 126	22	MR. KNUDSEN: Online, I also believe we have	
23	Exhibit 12 IBWC - Rio Grande Canalization Project 127	23	Melanie Casner from the U.S. Army Corps of Engineers, assistant	
24	Exhibit 13 Government Printing Office Excerpt 128	24	counsel, who I think is not able to chime in via microphone.	
25	Exhibit 14 Gateways to Commerce 130	25	THE REPORTER: Is that everybody?	

<p>1 MR. KNUDSEN: Are there any -- are there 2 participants from the State of Texas on the line? Are there 3 any consulting experts listed on the attendance list? As I -- 4 as I look at the list, I see four consulting experts listed on 5 the attendance listed who don't have names identified. 6 Counsel, can you identify those participants?</p> <p>7 MR. BRYANT: No, I don't know who those might 8 be, but we will identify them in accordance with the parties' 9 agreements and the Rules of Civil Procedure. This issue's come 10 up in both of the first two depositions we've had, and 11 Mr. Stone of the Texas Attorney General's Office has explained 12 the position of the State on this matter. There will be 13 disclosures, and I believe that we have a deadline coming up 14 soon to disclose expert witnesses, and we intend to comply with 15 the scheduling order, and the Court's agreements -- or 16 agreements of the parties in that regard.</p> <p>17 MR. KNUDSEN: Well, we -- we object under 18 Rule 30(b)(5) of the Federal Rules of Civil Procedure, which 19 requires that every deposition must begin with on the record 20 statement, including the identity of all persons present, so we 21 lodge a -- a standing objection to the participation of these 22 unnamed participants.</p> <p>23 MR. BRYANT: And I will say that the -- any 24 persons who are on the -- online are merely observing, and will 25 not participate or say anything during the proceeding today.</p>	<p>6</p> <p>1 Q. Thank you. And when did you start working here at 2 Fort Worth?</p> <p>3 A. In the district office itself, in 2009.</p> <p>4 Q. Okay. And what is your current title with the Corps 5 of Engineers?</p> <p>6 A. I'm the chief of operations.</p> <p>7 Q. And is that, specifically, for the Fort Worth 8 District?</p> <p>9 A. Yes, sir.</p> <p>10 Q. And have you held that title since 2013?</p> <p>11 A. Yes, sir.</p> <p>12 Q. Could you describe, in basic form, your 13 responsibilities as chief of operations for the Fort Worth 14 District of the Corps of Engineers?</p> <p>15 A. I have -- I have the responsibility of operating and 16 maintaining 25 multiple purpose reservoirs across the state to 17 include flood risk management activities, water supply, 18 recreational activities, natural resources and hydropower 19 generation at a few locations.</p> <p>20 Q. Do you have -- strike that.</p> <p>21 You -- you refer to "25 reservoirs."</p> <p>22 Do you have any responsibilities with respect to 23 rivers as opposed to reservoirs?</p> <p>24 A. I have the -- it's called a "Completed Works 25 Program." The -- I have the responsibility of ensuring that</p>
<p>1 TIM MACALLISTER, 2 having been first duly sworn, testified as follows: 3 EXAMINATION 4 BY MR. BRYANT:</p> <p>5 Q. Could you state your full name, sir?</p> <p>6 A. Timothy Lee MacAllister.</p> <p>7 Q. And are you employed with the U.S. Army Corps of 8 Engineers?</p> <p>9 A. Yes, I am.</p> <p>10 Q. Are you employed here in Fort Worth, Texas?</p> <p>11 A. Yes, I am.</p> <p>12 Q. And how long have you been employed by the U.S. Army 13 Corps of Engineers?</p> <p>14 A. Total of a little over 29 years.</p> <p>15 Q. Did you begin that job either during or shortly after 16 you completed your college career?</p> <p>17 A. During.</p> <p>18 Q. Okay. And did you graduate from Tarleton State 19 University with a bachelor's degree in range management?</p> <p>20 A. Yes, sir.</p> <p>21 Q. Okay. What year did you do that?</p> <p>22 A. 1996.</p> <p>23 Q. Okay. And did you actually begin work with the Army 24 Corps of Engineers here in Fort Worth in 1995?</p> <p>25 A. I began my career in school in '95 at Proctor Lake.</p>	<p>7</p> <p>1 our sponsors maintain levy systems and/or improvements -- 2 channel improvements across, whether it's creeks or rivers, 3 such as the levies in downtown Dallas and -- and Fort Worth 4 that, kind of thing.</p> <p>5 Q. Aside from those responsibilities, do you have any 6 responsibilities with respect to rivers within the Fort Worth 7 District area?</p> <p>8 A. Maintenance activities only in those areas that are 9 associated with the project itself, and as well as any, when 10 we're under the operations part of it, ensuring that reservoir 11 releases are kept in accordance with our -- our water control 12 manuals.</p> <p>13 Q. Okay. You used the term "project," and I've seen it 14 used in your report as well.</p> <p>15 Could you explain for somebody who's not 16 familiar with that terminology what you mean by a "project"?</p> <p>17 A. Sure. Yes, sir. The common, I guess, like, almost a 18 colloquialism, at -- at some points people say "lakes." And so 19 for the common user, yes, you're going to go to a lake, whether 20 it's Lewisville or -- or somewhere like that. Because these 21 are multiple purpose reservoirs, we discuss them and describe 22 them as "projects," because there's more than ju- -- there's 23 more to it than just having a -- a single-purpose water supply 24 reservoir, if you will. So "project" just connotes that 25 there's multiple reasons for it being there.</p>

<p>1 Q. Would you refer to a river or part of a river as a 2 "project"?</p> <p>3 A. The portions associated with -- with any individual 4 project, yes, sir, any of those 25.</p> <p>5 Q. Okay.</p> <p>6 A. And I would also con- -- using the Metroplex area as 7 an example, the Trinity watershed, there's seven reservoirs 8 that feed into the Trinity watershed under -- under the 9 operations and program. And so all of it is -- is managed as 10 one system, if you will.</p> <p>11 Q. Speaking of the Rio Grande River, would you refer to 12 the area of the Rio Grande River downstream from Amistad Dam as 13 a "project"?</p> <p>14 A. Not for me, no, sir.</p> <p>15 Q. Okay. And why not?</p> <p>16 A. I have -- I do not have the responsibility of 17 operations and maintenance of that area.</p> <p>18 Q. Okay. And when you say "you do not," you mean, more 19 broadly, that the Fort Worth District does not?</p> <p>20 A. I mean, the operations division itself does not. I 21 do not. It's not on my side of the shop.</p> <p>22 Q. Thank you.</p> <p>23 Now, I believe you've been designated by the 24 United States of America as an expert witness in connection 25 with this case; is that correct?</p>	<p>10</p> <p>1 date.</p> <p>2 Q. I'm sorry. When I say "this case," I'm referring to 3 the case we're --</p> <p>4 A. Oh --</p> <p>5 Q. -- in today.</p> <p>6 A. -- sorry.</p> <p>7 Could you repeat the question, please? I 8 apologize.</p> <p>9 Q. Yeah. When were you first asked to serve as an 10 expert in connection with the case we're here for today?</p> <p>11 A. It was earlier this year. I -- the -- the date, I -- 12 sorry, I -- I do not recall.</p> <p>13 Q. Okay. And who made that request?</p> <p>14 A. Office Counsel within the Fort Worth District.</p> <p>15 Q. What training or experience do you have with respect 16 to dredging bodies of water, whether they be rivers or 17 reservoirs?</p> <p>18 A. On the reservoirs themselves, the dredging activities 19 that we've done include areas around boat ramps, as well as 20 areas around intake structures. Intake structures, meaning, 21 like, our outlet work areas to release water. We've also 22 permitted activities with water supply customers who have 23 requested areas to dredge around their water intake structures 24 to increase their ability to -- to pull water from reservoirs.</p> <p>25 Q. Have you ever had any training with respect to</p>	12
<p>1 A. Yes, sir.</p> <p>2 Q. And have you ever acted as an expert witness in any 3 other proceeding?</p> <p>4 A. I haven't -- a witness, yes, but not an expert 5 witness.</p> <p>6 Q. Okay. Have you ever given any expert opinions for 7 the purpose of any litigation prior to this case?</p> <p>8 A. Only in a bankruptcy matter.</p> <p>9 Q. And have you ever given a deposition before today?</p> <p>10 A. No, sir.</p> <p>11 Q. Have you ever testified in court before -- before 12 this case?</p> <p>13 A. Just the one I just referenced on the bankruptcy 14 matter.</p> <p>15 Q. Okay. And could you describe just briefly what that 16 bankruptcy matter was about?</p> <p>17 A. One of our projects in Central Texas, a commercial 18 concession lessee was having substantial difficulties. We had 19 to take some actions, and the person's response was that they 20 couldn't deal with what we were asking them to do, so they -- 21 well, filed for bankruptcy protection, and we went through the 22 process to adjudicate that issue.</p> <p>23 Q. When were you asked to serve as a expert in 24 connection with this case?</p> <p>25 A. It was over 10 years ago. I don't remember the exact</p>	<p>11</p> <p>1 dredging operations?</p> <p>2 A. On the -- just on- -- on-the-job type training, yes, 3 sir.</p> <p>4 Q. Okay. So it was --</p> <p>5 A. As far as -- yeah.</p> <p>6 Q. -- on-the-job training rather than any formal or 7 academic training?</p> <p>8 A. Correct.</p> <p>9 Q. What, if any, experience have you had in dredging 10 rivers?</p> <p>11 A. Just the -- some areas of channels directly below the 12 dam. That's -- as far as the main body of the river further 13 down, no.</p> <p>14 Q. And when you refer to "immediately below the dam," 15 could you give me an estimate of --</p> <p>16 A. It depend- --</p> <p>17 Q. -- how far below the dam?</p> <p>18 A. Yes, sir. It depends on the -- the project. In some 19 areas, we have a couple hundred feet or a couple thousand feet; 20 in other areas, we may have a mile or more.</p> <p>21 Q. And are those -- when you say "we," are those things 22 that -- say, instances in which you have personally supervised 23 or directed dredging?</p> <p>24 A. Typically, the -- we -- we call it a "dewatering 25 activity" where we remove water from the -- behind the dam on</p>	13

<p>1 the outlet works. It's called a "sediment basin." We usually 2 go further down inside the channel itself and create cofferdams 3 and such. And then with that activity, we often have to dredge 4 out certain areas, so we can have access and be able to put in 5 our temporary construction dam. Sometimes with the water 6 bladder, if you will, and other times a constructed dam. 7 Q. Again, you use the term "we," in your answer. 8 Were those operations you described ones that 9 you personally supervised or directed? 10 A. Yes, sir. 11 Q. Okay. And have you ever supervised or directed 12 dredging operations in any part of the Rio Grande River? 13 A. I have not. 14 Q. Have you ever dredged or supervised dredging 15 operations for the purposes of making a river navigable? 16 A. No, sir. 17 Q. Have you ever had any responsibilities with respect 18 to making a river or waterway susceptible for use in commercial 19 navigation? 20 A. For -- just to the degree that I described earlier 21 around bank- -- about boat ramps and such. 22 Q. Is -- strike that. 23 Do you refer to yourself as a recreation 24 specialist? 25 A. I have had -- held that title, yes.</p>	<p>14</p> <p>1 right? 2 A. For those portions, yes, sir. 3 Q. Okay. Now, do you have any training with respect to 4 navigation on the Rio Grande River? 5 A. I do not. 6 Q. Do you have any personal experience conducting 7 navigation on the Rio Grande River? 8 A. I do not. 9 Q. And do you have any experience at all with commercial 10 navigation on the Rio Grande River? 11 A. I do not. 12 Q. Do you have any experience with commercial navigation 13 on any of the rivers in the Fort Worth District or outside the 14 Fort Worth District? 15 A. I have no -- nothing outside the Fort Worth District 16 for sure. Navigation activities inside the Fort Worth District 17 on our reservoirs for commercial activities with the recreation 18 leases and such, yes. 19 Q. Now, my understanding is that -- and I've seen 20 documents that indicate that the Fort Worth District goes down 21 to the Rio Grande River between what's referred to as "River 22 Miles 275.5 to 610." 23 Are you familiar with that? 24 A. Yes, sir. 25 Q. Okay. And I may, in the deposition, just use -- just</p>
<p>1 Q. And what does that mean? 2 A. As part of the project of, you know, that's one of 3 the activities that we are responsible for is the ongoing 4 recreation in those areas. Recreation encompasses a very, very 5 large swath. Recreation often means something different -- 6 vastly different to -- from one person to the next. Could mean 7 boating, fishing, hiking, birding, some people could refer to 8 hunting as a recreational activity. All of those things 9 combined, plus more, are recreational activities. 10 Q. Is it fair to say that there are lots of -- of types 11 of recreational activities -- 12 A. Yes, sir. 13 Q. -- but they are all engaged in, essentially, for 14 enjoyment? 15 A. Yes, sir. 16 Q. Rather than for profit? 17 A. Depends on the -- the situation. We have commercial 18 activities on our areas that are -- we refer to those as 19 "recreation leases." Typically, going to be a park and 20 recreation lease where we may partner with. Could be the 21 State, could be a municipality, or even a commercial concession 22 for a marina who offer boat rentals and -- and that kind of 23 thing. 24 Q. But in all of those, the -- the end user of the 25 recreation is using it for the purposes of enjoyment; is that</p>	<p>15</p> <p>17</p> <p>1 refer to the "275 to 610 stretch," and I want you to understand 2 that I'm referring to the portion of the river over which the 3 Fort Worth District has jurisdiction or -- or exercises power. 4 Have you actually been on vessels in the 5 Rio Grande River anywhere between 275 and 610? 6 A. Yes, sir. 7 Q. Where? 8 A. Specifically, at Eagle Pass. 9 Q. Okay. Anyplace else? 10 A. No, sir. 11 Q. And on how many occasions have you been on the 12 Rio Grande River at Eagle Pass? 13 A. One time. 14 Q. When was that? 15 A. I believe the day is May 21st. 16 Q. Of what year? 17 A. Of -- I'm sorry. Of this year, yes, sir. 18 Q. So that was after you completed your expert report in 19 this case? 20 A. Yes, sir. 21 Q. And with respect to that one visit to Eagle Pass, 22 you've never been on the Rio Grande River in the 275 to 610 23 stretch? 24 A. That's correct. 25 Q. What was the occasion for you being on the river on</p>

<p>1 May 21st, 2024?</p> <p>2 A. To make a site visit of the area that I had reviewed</p> <p>3 information on to verify areas with my own eyes.</p> <p>4 Q. And what area on the river at Eagle Pass did you</p> <p>5 visit on that day?</p> <p>6 A. We met with the Border Patrol and they have a launch</p> <p>7 site where they access through private property. Pretty good</p> <p>8 piece upstream as far as the number of miles. It's -- I would</p> <p>9 estimate it to be around a mile, maybe -- maybe, you know, give</p> <p>10 or take a couple hundred feet. But upstream from there -- and</p> <p>11 then from, like, Shelby Park area, and then down past the</p> <p>12 bridges and then past the -- the objects -- the floating</p> <p>13 objects inside the river at this point in time, and then</p> <p>14 verified, kind of, where those were, just took a look at how</p> <p>15 things were -- were set up at the time, so that -- that general</p> <p>16 area.</p> <p>17 Q. Okay. And did you go any substantial distance beyond</p> <p>18 the -- what I refer to as the "floating buoy barrier"?</p> <p>19 A. No, sir.</p> <p>20 Q. Other than simply see what you could see on the -- on</p> <p>21 the Rio Grande that day at Eagle Pass, did you engage in any</p> <p>22 other activities at Eagle Pass that day that pertained in any</p> <p>23 way to your expert report or your opinions?</p> <p>24 A. No, sir.</p> <p>25 Q. Did you get any information from the Border Patrol?</p>	<p>18</p> <p>1 vehicular bridge.</p> <p>2 Q. And are the floating buoy barriers some distance</p> <p>3 downstream from all of the -- all of the bridges at Eagle Pass?</p> <p>4 A. Not -- not far, yes, sir.</p> <p>5 Q. What would be your estimate of the distance?</p> <p>6 A. Couple hundred feet. Maybe -- maybe even more.</p> <p>7 Maybe 1,000 feet. I -- I really don't recall. I wasn't --</p> <p>8 wasn't concerned about the dis- -- distance between the buoys</p> <p>9 and the bridge.</p> <p>10 Q. What type of boat did you travel in with the Border</p> <p>11 Patrol on May 21st?</p> <p>12 A. Airboat.</p> <p>13 Q. Did you have any discussions to why the Border Patrol</p> <p>14 uses an airboat boat at that location?</p> <p>15 A. I didn't, specifically, ask, but my -- just by</p> <p>16 looking at the ease of getting to more than -- more areas more</p> <p>17 easily and read- -- readily with the number of opportunities</p> <p>18 that they could have on a day-to-day basis where water could be</p> <p>19 higher or lower. My assumption is, is because it's a matter of</p> <p>20 ease.</p> <p>21 Q. And is your assumption that it is also a reflection</p> <p>22 of the fact that at some times in places, the Rio Grande River</p> <p>23 is shallow, has rocks, has snags, et cetera?</p> <p>24 A. Yes, sir.</p> <p>25 MR. KNUDSEN: Objection, form.</p>
<p>19</p> <p>1 A. Yes, sir. To a degree, just asked a couple of</p> <p>2 questions about is the -- you know, as far as flow rates,</p> <p>3 what -- what it was like that day, is this about normal or, you</p> <p>4 know, that -- that kind of stuff, yes, sir.</p> <p>5 Q. Did you have any discussion with the Border Patrol as</p> <p>6 to whether or not they operate any boats on the Rio Grande</p> <p>7 River at night?</p> <p>8 A. I did not discuss night operations, no, sir.</p> <p>9 Q. Do you know whether or not they do?</p> <p>10 A. I'm understanding that they have. I don't know how</p> <p>11 often. I -- I just -- anecdotally, I'm aware that they said</p> <p>12 that they have before, but as far as, like, recently, I have --</p> <p>13 I don't know.</p> <p>14 Q. Do you know when you got that information?</p> <p>15 A. Everything would've been on May 21st.</p> <p>16 Q. About -- well, strike that.</p> <p>17 As you rode on the river that day, did you go</p> <p>18 under some bridges?</p> <p>19 A. Yes, sir.</p> <p>20 Q. Did you go under two international bridges that carry</p> <p>21 vehicle traffic, and one that carries rail traffic?</p> <p>22 A. I'm sure that the rail traffic is in there, yes, sir.</p> <p>23 However, I did not single that out while I was --</p> <p>24 Q. Okay.</p> <p>25 A. -- on the river. But yes, it was more than one</p>	<p>21</p> <p>1 THE WITNESS: Oh.</p> <p>2 Q. (BY MR. BRYANT) And as you travel down the river</p> <p>3 near Eagle Pass past the floating buoy barrier, were you able</p> <p>4 to -- was the Border Patrol able to get down past that barrier</p> <p>5 without difficulty?</p> <p>6 MR. KNUDSEN: Objection, form.</p> <p>7 You can answer.</p> <p>8 THE WITNESS: Okay. I was like, I don't know</p> <p>9 what that means. I apologize.</p> <p>10 A. So on the airboat boat, yes, sir.</p> <p>11 Q. (BY MR. BRYANT) Okay. And by the way, your attorney</p> <p>12 has a right to object to anything, but unless he instructs you</p> <p>13 not to answer or gives you some other instruction, we just let</p> <p>14 him make his objection for the record, and then you can answer</p> <p>15 the question.</p> <p>16 A. Okay. Thank you.</p> <p>17 Q. And did the Border Patrol boat have any difficulty</p> <p>18 turning around near the buoys and going back upstream?</p> <p>19 A. On one occasion, yes.</p> <p>20 Q. What did you observe in that occasion?</p> <p>21 A. The -- trying to get -- the Border Patrol captain of</p> <p>22 that vessel was trying to get us closer, and what -- when he</p> <p>23 was maneuvering the vessel through there, we did run up on one</p> <p>24 anchor.</p> <p>25 Q. And when you say "closer," are you referring to he</p>

<p>1 wanted to get you closer to the -- to the buoy barrier 2 structure?</p> <p>3 A. Yes, sir. That's correct.</p> <p>4 Q. Okay. And so he was able to avoid that if he had 5 wanted to? There was plenty of room in the river away from the 6 buoys?</p> <p>7 MR. KNUDSEN: Objection, form.</p> <p>8 A. In those instances, it depends on flow rate, it 9 depends on visual, it depends on -- because the -- the--the 10 structure that we hit was just under the water surface.</p> <p>11 Q. (BY MR. BRYANT) Okay. And I understand that it 12 certainly depends on the conditions, but is it fair to say that 13 had the Border Patrol driver wanted to avoid the floating buoy 14 barrier, there was plenty of room for that to be accomplished?</p> <p>15 MR. KNUDSEN: Objection, form.</p> <p>16 A. I'm trying to think about it. The barrier as it sat 17 where I was just discussing the -- the -- the anchor that was 18 not readily viewable is what we struck. As far as the -- the 19 buoy barrier itself, then, yes, you can avoid that in an 20 airboat.</p> <p>21 Q. (BY MR. BRYANT) Okay. And can you also, if you 22 wish, avoid any related structures?</p> <p>23 MR. KNUDSEN: Objection, form.</p> <p>24 A. In my experience as operation s chief, we have flood 25 risk management reservoirs. We have -- we place on purpose</p>	<p>22</p> <p>1 Q. Okay. Was the structure aligned, generally, up and 2 down the river rather than across it?</p> <p>3 A. It was aligned parallel to the shoreline, yes, sir.</p> <p>4 Q. And did it appear to be on the Texas side of the 5 river or the U.S. side of the river?</p> <p>6 A. It was further on that side than it was on the -- 7 from the middle, yes, sir.</p> <p>8 Q. Okay. If you consider the area of the Rio Grande 9 River that you covered on May 21st, would you -- could you give 10 me an estimate as to how many feet or miles of the river you 11 traveled up and down that day?</p> <p>12 A. It's hard to -- to give you a -- a really good 13 estimate on how far. We went -- we were about -- on the river 14 for about 30, 45 minutes, something to that degree. We went 15 down to the buoys, the barrier, if you will, and then turned 16 around and went back up to the launching site. But I --</p> <p>17 Q. Is it fair to -- fair to say no more than a few 18 miles?</p> <p>19 A. Yes, sir. It could be characterized as that.</p> <p>20 Q. Okay. The -- is it fair to say that the -- of the, 21 roughly, 335 miles between 275 and 610, you only have personal 22 experience even seeing a few miles?</p> <p>23 MR. KNUDSEN: Object to form.</p> <p>24 A. As far as seeing it in person, I have seen more than 25 that in person. I've only been on the water in that spot.</p>
<p>23</p> <p>1 signs that say "underwater obstructions may be there at 2 different elevations." So in the case that I was discussing on 3 that, depending upon any -- in any manmade structure that's 4 placed in there, you may not have that on a chart, you may not 5 have that on any kind of a thing, so that becomes -- that's -- 6 the issue at hand is that that was placed in the water, he hit 7 it, he probably didn't realize that one was there, wasn't 8 assuming that was there, didn't appear to be attached to the -- 9 to the buoys, so...</p> <p>10 MR. BRYANT: Objection, nonresponsive.</p> <p>11 Q. (BY MR. BRYANT) Now, my question is, how far across 12 was the Rio Grande River at -- on the day that you visited the 13 floating buoy barrier site?</p> <p>14 A. I did not even consider the -- I mean, thousand feet. 15 I...</p> <p>16 Q. So --</p> <p>17 A. Did you ask -- you're asking about the width --</p> <p>18 Q. -- best -- best estimate you can make, a thousand 19 feet in width?</p> <p>20 A. You're --- but you're discussing the width of it, 21 yes?</p> <p>22 Q. Yes, sir.</p> <p>23 A. Okay. I -- sir, I don't know. I -- I did not 24 really -- I wasn't focused in on how wide the river was. I was 25 focused in on where the -- the structure was placed.</p>	<p>25</p> <p>1 Q. (BY MR. BRYANT) Okay. Are there any charts that 2 provide detail as to the depth of the Rio Grande River between 3 275 and 610 as of any date?</p> <p>4 A. I'm not aware of any -- I did not re- -- research 5 that.</p> <p>6 Q. Is there any way for you to find out how deep the 7 river is at any point between 275 and 610 other than either 8 going there yourself or getting a report from someone who 9 asked?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. The -- I'm not aware of a chart. In order to obtain 12 depths, then, because of flow rates and because of things that 13 can occur in the river, such as shoaling and sedimentation 14 being dropped and that can very -- you would -- I don't have -- 15 have a chart, no, sir. I would have to go see it.</p> <p>16 Q. (BY MR. BRYANT) And you not only have no chart, but 17 you -- you don't have any system of reports that would inform 18 you on that subject?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. I do not -- oh, sorry. I do not have that chart, no.</p> <p>21 Q. (BY MR. BRYANT) Okay. And I assume you don't know 22 of any such source of information that exists, whether you've 23 reviewed it personally or not?</p> <p>24 MR. KNUDSEN: Object to form.</p> <p>25 A. If you're asking how would I go about seeing if there</p>

<p>1 is one, I would contact IBWC, as well as Texas Parks & 2 Wildlife. And possibly USGS. 3 Q. Okay. You've referred to "IBWC." 4 Could you explain what that is for -- 5 A. Oh -- 6 Q. -- someone who's not familiar with it? 7 A. The International Boundary and Water Commission, the 8 entity that operates and maintains the reservoirs above and 9 below Eagle Pass. Amistad is above, and Falcon reservoir is 10 below. 11 Q. Okay. And so what responsibility, if any, does IBWC 12 have for the stretch of the Rio Grande River between 275 and 13 610? 14 A. IBWC has the responsibility to ensure flow rates are 15 kept in occurrence with their water control manual. 16 Q. Any other responsibility? 17 A. I'm not aware. 18 Q. And is that a shared responsibility with the Corps of 19 Engineers or is that solely the responsibility of IBWC? 20 A. As far as the operations of the reservoirs, it's 21 the -- it's IBWC. 22 Q. Yes. My question was actually about maintaining the 23 flow rates between the reservoirs? 24 A. It is the responsibility of I- -- of the IBWC. 25 Q. And not the Corps of Engineers? </p>	<p>26</p> <p>1 Q. You didn't list commercial navigation as being a 2 purpose of Lake Amistad in your original answer. 3 Can you give me any specific information from 4 the 1975 study, which we will look at in more detail, as to 5 what in that study tells you that Lake Amistad has as a 6 purpose, commercial navigation? 7 MR. KNUDSEN: Object to form. 8 A. It's -- it's stated in the paper. 9 Q. (BY MR. BRYANT) Okay. Has anybody you've ever dealt 10 with at IBWC said that commercial navigation is a purpose of 11 Lake Amistad? 12 MR. KNUDSEN: Object to form. 13 A. I've not had any conversations with IBWC about that. 14 Q. (BY MR. BRYANT) Can you point to any documents 15 authored by IBWC that list commercial navigation as a purpose 16 of Lake Amistad? 17 MR. KNUDSEN: Object to form. 18 A. I -- I did not look for any of that. 19 Q. (BY MR. BRYANT) And I believe it states in your 20 report that you have no training or experience with any 21 determinations of navigability under the Rivers and Harbors 22 Act; is that correct? 23 A. That is correct. 24 Q. And do you have any experience or training with 25 respect to handling any permit applications under the Rivers </p>
<p>27</p> <p>1 A. Not to my knowledge, no, sir. 2 Q. Okay. I think earlier in your testimony you 3 mentioned that some or all of the reservoirs in the Fort Worth 4 District are multipurpose reservoirs; is that correct? 5 A. That -- that is correct. 6 Q. Let's talk about Lake Amistad for a second. 7 Is that a multipurpose reservoir? 8 A. Yes, sir. 9 Q. What's its primary purpose? 10 A. Flood control. Excuse me. 11 Q. And what are -- 12 A. I apologize. 13 Q. What are its other purposes? 14 A. The purposes include flood control, water 15 conservation to be utilized for other purposes, hydropower, 16 natural resources, recreation, those kind of activities, yes, 17 sir. 18 Q. Okay. Is commercial navigation a purpose of Lake 19 Amistad? 20 A. My understanding is, it is. 21 Q. And what is the source of that understanding? 22 A. The -- well, I've reviewed the 1975 finding or 23 document that reaffirmed and declared the Rio Grande River 24 navigable in that area. There's references in there. There's 25 also references of navigation from IBWC itself. </p>	<p>29</p> <p>1 and Harbors Act? 2 A. I do not, no. 3 Q. Do you have any training or experience with decisions 4 whether or not to grant permits under the Rivers and Harbors 5 Act? 6 A. No. 7 Q. Would you agree that you're not qualified to do any 8 of those things? 9 A. Agreed. 10 Q. And would you agree that you're not qualified to 11 provide any expert opinions that relate to the Rivers and 12 Harbors Act or to navigability under the Rivers and Harbors 13 Act? 14 MR. KNUDSEN: Object to form. 15 A. I would not. 16 Q. (BY MR. BRYANT) You would agree that you are not 17 qualified or you would disagree? 18 A. I would -- I would not agree with your statement. 19 Q. Okay. 20 A. The -- you had a two-part statement. Could you 21 restate it? 22 Q. Sure. I want to be -- I -- I don't want us to have a 23 lack of clarity on anything. 24 Would you agree that you are not qualified to 25 provide any expert opinions that relate to the Rivers or -- </p>

<p>1 Rivers and Harbors Act?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. The -- the information that I utilize in conjunction</p> <p>4 with the Rivers and Harbors Act is provided to me by the</p> <p>5 regulatory function of the Corps of Engineers. I am not in a</p> <p>6 regulatory function to issue permits or make determinations.</p> <p>7 Q. (BY MR. BRYANT) I understand that.</p> <p>8 And my question is, would you agree that you are an</p> <p>9 not qualified by training or experience to provide any expert</p> <p>10 opinions relating to the navigability of any body of water</p> <p>11 under the Rivers and Harbors Act?</p> <p>12 MR. KNUDSEN: Object to form.</p> <p>13 A. I would disagree with that.</p> <p>14 Q. (BY MR. BRYANT) Why so?</p> <p>15 A. Because it's not my job to determine whether</p> <p>16 something is navigable, but it is my job to receive information</p> <p>17 that states it is, and then act appropriately within those</p> <p>18 bounds.</p> <p>19 Q. I understand. But would you say that you are an</p> <p>20 expert on determining whether or not a body of water is</p> <p>21 navigable under the Rivers and Harbors Act?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. Yeah. What I'm saying is, as I am bound in my role</p> <p>24 to follow what has already been declared and determined.</p> <p>25 Q. (BY MR. BRYANT) I agree with that.</p>	<p>30</p> <p>1 A. As far as the act itself, yes, sir.</p> <p>2 Q. Okay.</p> <p>3 MR. BRYANT: Let's take a break for just a</p> <p>4 second, mark some exhibits. If you need to -- by the way, take</p> <p>5 -- feel free to call for a break anytime you need one.</p> <p>6 THE WITNESS: Okay.</p> <p>7 MR. BRYANT: But if you want to take a break</p> <p>8 right now --</p> <p>9 THE WITNESS: Sure.</p> <p>10 MR. BRYANT: That's -- that's fine. You'll want</p> <p>11 to take off your --</p> <p>12 THE VIDEOGRAPHER: The time is 9:51 a.m., and</p> <p>13 we're off the record.</p> <p>14 (Recess taken from 9:51 a.m. to 10:02 a.m.)</p> <p>15 THE VIDEOGRAPHER: The time is 10:02 a.m., and</p> <p>16 we're back on the record.</p> <p>17 (MacAllister Exhibit 1 was marked.)</p> <p>18 Q. (BY MR. BRYANT) All right. Mr. MacAllister, I've</p> <p>19 had a document marked as Exhibit 1 to your deposition.</p> <p>20 Is that in front of you?</p> <p>21 A. Yes, sir. Oh, I'm sorry. Yes, sir. It is.</p> <p>22 Q. Okay. And have you seen this document before?</p> <p>23 A. I have not.</p> <p>24 Q. Okay. I'd like for you to look on the second page.</p> <p>25 Do you see your name there?</p>
<p>1 And it seems to me that a quarrel area to that</p> <p>2 is that you're not qualified to make those judgments</p> <p>3 independently and on your own, but only to accept the</p> <p>4 determinations that other parts of the Corps of Engineers has</p> <p>5 made; is that fair?</p> <p>6 MR. KNUDSEN: Object to form.</p> <p>7 A. I would say to -- to a certain degree. However,</p> <p>8 because of my roles and responsibilities as ops chiefs -- as</p> <p>9 ops chief, I would be almost certainly requested to provide</p> <p>10 information to help inform that decision. But no, it would not</p> <p>11 be my decision to -- to conclude.</p> <p>12 Q. (BY MR. BRYANT) Do you know the definition of</p> <p>13 "navigability" under the Rivers and Harbors Act?</p> <p>14 A. I'm familiar with it, yes, sir.</p> <p>15 Q. And have you ever read any of the cases in which the</p> <p>16 Courts have defined or clarified the meaning of "navigability"</p> <p>17 under the Rivers and Harbors Act?</p> <p>18 A. I have not read court cases, other than court cases</p> <p>19 referenced inside the 1975 study. And to clarify that, I did</p> <p>20 not read those entire cases. I read the excerpts that were</p> <p>21 in -- contained inside the study.</p> <p>22 Q. Have you ever read the Rivers and Harbors Act?</p> <p>23 A. Just the portions that I've read inside the study.</p> <p>24 Q. Only the portions that are quoted in the 1975 Corps</p> <p>25 of Engineers Navigability Study?</p>	<p>31</p> <p>1 A. Yes, sir.</p> <p>2 Q. You still live in Ponder, Texas?</p> <p>3 A. Yes, sir.</p> <p>4 Q. Exhibit 1 says, quote, Mr. Macallister's expected --</p> <p>5 expected to testify regarding the capability of potential</p> <p>6 improvements to water management, dam operation, and dredging</p> <p>7 for further improving the navigational capacity of the Rio</p> <p>8 Grande.</p> <p>9 Is that an accurate statement of what you expect</p> <p>10 to testify about in this case?</p> <p>11 A. Yes, sir.</p> <p>12 Q. Anything else?</p> <p>13 A. No, sir.</p> <p>14 Q. All right. And let's take a quick look at Exhibit 2</p> <p>15 to your deposition.</p> <p>16 (MacAllister Exhibit 2 was marked.)</p> <p>17 Q. (BY MR. BRYANT) Have you seen Exhibit 2 before</p> <p>18 today?</p> <p>19 A. No, sir.</p> <p>20 Q. Could you please look at Exhibit 2, Page 2.</p> <p>21 Do you see where your name appears?</p> <p>22 A. Yes, sir.</p> <p>23 Q. And is that the same description of what you're</p> <p>24 expected to testify about that existed, and we read on</p> <p>25 Exhibit 1 to your deposition?</p> <p>33</p>

<p>1 MR. KNUDSEN: Object to form. 2 A. Yes -- it appears to be, yes, sir. 3 Q. (BY MR. BRYANT) Okay. And this one that's dated 4 May 3rd, 2024, is the statement as to what you're expected to 5 testify about on MacAllister Exhibit 2 accurate as of today? 6 A. (Reading.) 7 MR. KNUDSEN: Object to form. 8 A. Yes. Sorry. 9 Q. (BY MR. BRYANT) Okay. And you don't expect to 10 testify in this case regarding any matters other than those 11 that are stated next to your name on MacAllister Exhibit 2? 12 A. Yeah. That's my expectation, yes. 13 Q. Have you completed all of the work that you expect to 14 complete or need to complete in order to render the expert 15 opinions that you have set forth in your expert report in this 16 case? 17 A. Yes, sir. 18 MR. KNUDSEN: Object to form. 19 A. Yes, sir. 20 Q. (BY MR. BRYANT) You don't, at this point, expect to 21 do any additional work or render any additional or modified 22 opinions? 23 A. At this time, no, sir. 24 Q. Okay. Let's look at what's been marked as Exhibit 3 25 to your deposition.</p>	<p>34</p> <p>1 A. No, sir. 2 Q. Did your review of the expert report by Mr. Cortez 3 change any of your opinions in this case? 4 A. No, sir. 5 Q. And did your review of Mr. Cortez' expert report 6 change any of your reasoning or support for your opinions in 7 this case? 8 A. In one instance, it did the -- what I was 9 predominantly looking for was information pertaining to 10 seasonal flows. 11 Q. And how did the information that you got from 12 Mr. Cortez' report change or inform your opinion in this case? 13 A. Just anecdotally, I had basic information about flows 14 when they were and were not higher, typically speaking, on a 15 seasonal basis. I use the word "seasonal" in my report, and I 16 verified through Mr. Cortez's information on water releases 17 and/or spring flows and/or other runoff when those times of the 18 year were -- were better than others as far as amount of water. 19 Q. In arriving at your opinions in this case, did you 20 speak with any other Army Corps of Engineer personnel? 21 A. As far as, like, developing the report itself or 22 obtaining information -- 23 Q. For your report or your opinions in the report. 24 A. Earlier on, I did have one discussion with Mr. Chris 25 Frabotta, and asked him for pictures of dredging equipment.</p>
<p>1 (MacAllister Exhibit 3 was marked.) 2 Q. (BY MR. BRYANT) Can you identify Exhibit 3? 3 A. Yes, sir. This appears to be a copy of the report 4 I've provided. 5 Q. Okay. And to be clear, did you originally supply a 6 report dated May 8th, 2024? 7 A. I -- I believe that's the right date, yes, sir. 8 Q. And was that report supplemented on May 29th? It 9 says "2023," but I assume that means 2024; is that correct? 10 A. Yes, sir. That -- that is correct. 11 Q. Okay. 12 A. That should be 2024. 13 Q. Okay. That was the day before yesterday? 14 A. Yes, sir. Well, it's -- 15 Q. Okay. And what -- what changes, if any, did you make 16 between the report May 8th, 2024, and the report as 17 supplemented on May 29th, 2024? 18 A. Just disclosing that May 21st, there was a trip, and 19 that I had reviewed portions of Mr. Cortez's report. 20 Q. Okay. And did the trip that you made to Eagle Pass 21 and its vicinity on May 21st, 2024, in any way change any of 22 your opinions in this case? 23 A. No, sir. 24 Q. Did that trip in any way change your reasoning for 25 any of your opinions in this case?</p>	<p>35</p> <p>1 Q. And there are some photos of some dredging equipment. 2 In your report, was Mr. Frabotta the source of 3 those photos? 4 A. He forwarded me those photos, yes, sir. 5 Q. Okay. Is he with the Corps of Engineers? 6 A. Yes, sir. 7 Q. And where does he work? 8 A. He is the chief of operations for the Galveston 9 District. 10 Q. Okay. And are those photos of dredging equipment, do 11 they depict any dredging equipment that has ever been used in 12 the Fort Worth District? 13 A. Yes, sir. 14 Q. Where? 15 A. O.C. Fisher for one in front of the dam at O.C. 16 Fisher. We've also used backhoes. Basically, what we used was 17 mechanical means to remove silt sedimentation at a couple 18 different locations, whether it's at Lewisville Lake, like I 19 said, O.C. Fisher below the embankments in some of the 20 streambeds. 21 Q. Would the dredging equipment that is shown in 22 photographs in your expert report be appropriate for use in the 23 Rio Grande River anywhere in the stretch between 275 and 610? 24 A. It appears to be so. And I say "appears" on purpose 25 because I do not have a geologic report there. But you can use</p>

<p>1 the types of equipment, typically, to dredge those areas, 2 especially in the shallower, sandy, silty sedimentation areas. 3 Q. And when you say "the equipment," you're referring to 4 the equipment that is pictured in the report? 5 A. That's correct. The -- the equipment itself, it's a 6 representative photo on Page 8 of a backhoe dredge. For lack 7 of a better way of describing it, it's a simple backhoe that is 8 in this photo floating on a barge or work platform. 9 Q. And would the equipment shown as a clamshell dr- -- 10 dredge also be appropriate for use in the Rio Grande River 11 between Miles 275 and 610? 12 A. Where the soil's appropriate, yes, sir. 13 Q. In arriving at your expert opinions and doing the 14 work that's reflected in your expert report, did you speak with 15 anybody at IBWC? 16 A. Not to develop the report, no, sir. 17 Q. And did you speak with anyone else other than Chris 18 Frabotta? 19 A. Not to develop the report, no, sir. 20 Q. Now, did you list in the report all of the documents 21 that you considered in your work that led to the report? 22 A. Yes, sir. 23 Q. And does that list appear on Page 11 of Exhibit 3 to 24 your deposition? 25 A. Yes, sir, it does.</p>	<p>38</p> <p>1 Q. What information did you learn or review about that 2 subject that was part of the work of your expert report? 3 A. The short version of that would be Carrizo cane is -- 4 or the Arundo species or Arundo donax species is very 5 problematic -- can cause problems. And so I knew that the 6 State had been working on a -- a program to get that further 7 under control, so I just reviewed that to see what the status 8 of that was. 9 Q. Does the Army Corps of Engineers in any way 10 participate in that State of Texas program? 11 A. From my understand- -- I do not. The Corps of 12 Engineers research biologist may -- may do that with the State. 13 I'm -- I'm not familiar if they are or not. 14 Q. Are you aware of anybody in the Fort Worth District 15 who in any way participates in that State of Texas Carrizo cane 16 eradication program? 17 MR. KNUDSEN: Object to form. 18 A. I -- I know that offices would have had -- I don't 19 know ind- -- individuals who would have been, no, sir. 20 Offices, I believe, that would ha- -- would be involved with 21 that would be regulatory, and I believe ERDC, which is Engineer 22 Research and Develop- -- Design [sic] Center. They -- they 23 probably have, but I -- I don't know. My point in reading the 24 Carrizo cane was not to determine who all was involved, but to 25 see what the status of the program was.</p>
<p>39</p> <p>1 Q. Did you speak to anyone who conducts or ever has 2 conducted any commercial navigation on the 275 to 610 stretch? 3 MR. KNUDSEN: Object to form. 4 A. I have not -- sorry. No, sir, I have not. 5 Q. (BY MR. BRYANT) There's a reference on Page 11 to 6 Defendants' Objections and Answers to Plaintiff's First Set of 7 Interrogatories. 8 Were there any answers in that material that 9 contributed to your report or your work in this case? 10 A. In a -- the way understand this, and if this is not 11 accurate, I apologize. But what -- that information provided a 12 basis for some of the -- the understandings I have from what 13 the State had done, and that's where I got the information for, 14 you know, this is where this has been placed or that's been 15 placed or this type of activity. But as far as that goes, no, 16 I mean... 17 Q. Okay. Are you referring, specifically, to the 18 floating buoy barriers? 19 A. Yes, sir. 20 Q. Okay. Anything else? 21 A. Not right off the -- not right off the top of my 22 head, no, sir. 23 Q. Okay. There's a reference to the Carrizo Cane State 24 Eradication Program. 25 A. Yes, sir.</p>	<p>41</p> <p>1 Q. Okay. And is it fair to say that you have had no 2 personal involvement in or interaction with the State of Texas 3 Carrizo cane eradication program? 4 A. Yes, that's correct. 5 Q. Okay. Now, your expert report that is Exhibit 3 to 6 your deposition includes a summary of your opinions on Page 2. 7 Do you see that? 8 A. Yes, sir. 9 Q. The first opinion summary is, "The Rio Grande, 10 between River Miles 275 to 610, has sufficient water flows to 11 support navigation of the waterway by Class A and Class -- is 12 that I or 1? 13 A. 1, yes, sir. 14 Q. "1 vessels." 15 Conclusion or Opinion B is summarized as, quote, 16 The Rio Grande between the River Miles 275.5 through 610 is 17 presently navigated by Class A and Class I vessels. And 18 summary of Opinion C is, quote, Reasonable improvements can be 19 made in the Rio Grande between Rivers Miles 275.5 to 610 to 20 enhance and incrementally improve navigation. 21 Now, all of those opinions use the word 22 "navigation" or "navigated." Could you give me, as best you 23 can, the -- the definition or the meaning of navigation as 24 you're using it in your opinions in this case? 25 A. Sir, yes, sir. Essentially, it is intended to say a</p>

<p>1 usable body of water with a vessel.</p> <p>2 Q. So it's use of a body of water by a vessel?</p> <p>3 A. In this situation, yes.</p> <p>4 Q. Okay. Is it fair to say that you don't have any</p> <p>5 opinions or express any opinions in this report as to the</p> <p>6 meaning of navigation as used in the Rivers and Harbors Act?</p> <p>7 MR. KNUDSEN: Object to form.</p> <p>8 A. I would not agree with that. When -- when you're</p> <p>9 talking about navigation, I'm talking about the ability to use</p> <p>10 a vessel in -- in a body of water. As far as how it -- the way</p> <p>11 I understand the Rivers and Harbors Act, it is my belief that</p> <p>12 those opinions com- -- comply with what that intent is when the</p> <p>13 Rivers and Harbors Act start -- talks about has it been used,</p> <p>14 is it used or can improvements be made to -- to improve</p> <p>15 navigation.</p> <p>16 Q. (BY MR. BRYANT) Is it fair to say that the</p> <p>17 definition of "navigation" as used in your expert report simply</p> <p>18 refers to the use of a vessel on a body of water, and does not</p> <p>19 necessarily require use of a vessel for commerce or trade?</p> <p>20 A. I think -- and the intent, it depends on what the</p> <p>21 intent of commerce or trade is, because I do know that there's</p> <p>22 folks that rent vessels. That's a commerce. I don't -- I</p> <p>23 don't pretend to say I understand all of the -- the definitions</p> <p>24 of commerce and trade. But economic activities do occur</p> <p>25 associated with that body of water, yes, sir.</p>	<p>42</p> <p>1 Q. So is it fair to say that you have no opinion at this</p> <p>2 time as to what amounts of water would need to be released from</p> <p>3 Amistad Dam beyond current practices to achieve the</p> <p>4 improvements to navigation that you envision in your report?</p> <p>5 A. It would be fair to say that depending on the scope</p> <p>6 that I was given, that we would have to know what the</p> <p>7 expectation was to implement how much water. There's not -- I</p> <p>8 can't really say it's going to take X number of -- of more CFS</p> <p>9 flow rate without knowing how much of an improvement we're --</p> <p>10 we're seeking. And in order to do that, I would have to know</p> <p>11 what the -- the expectations would be for what type of -- of</p> <p>12 additional vessels or what have you.</p> <p>13 Q. Okay. So as a result of those things, today, you</p> <p>14 have no opinion on the amount of additional releases of water</p> <p>15 from Amistad Dam that would be necessary to achieve any</p> <p>16 particular level of improvement of navigation of the Rio Grande</p> <p>17 River from 275 to 610?</p> <p>18 A. I do not have a flow number, no, sir. I -- I</p> <p>19 don't -- because it depends, again, on what other incremental</p> <p>20 activities we would perform in conjunction with that. It --</p> <p>21 and it could be -- it just depends on what that is. It depends</p> <p>22 on what the goal is.</p> <p>23 Q. Okay. And you don't have a particular goal in mind</p> <p>24 with respect to your expert opinions?</p> <p>25 A. The only -- the only assumptions that I was given was</p>
<p>43</p> <p>1 However, the -- it is accurate to state that</p> <p>2 when I'm talking about "navigation," I'm speaking of using a</p> <p>3 vessel on the water to get to and from Point A to Point B.</p> <p>4 Q. And is it fair to say that the way you use navigation</p> <p>5 in your report might or might not include use of the vessel --</p> <p>6 vessel for commerce or trade? Might just be for recreation --</p> <p>7 A. It could be --</p> <p>8 Q. -- might just be for commerce and trade?</p> <p>9 A. Correct. That's -- that's a fair statement.</p> <p>10 Q. Okay. And in your opinions in the expert report, you</p> <p>11 talk about the possibility of making some improvements in the</p> <p>12 Rio Grande River from 275 to 610 by changing the present</p> <p>13 practices as to releases of water from Amistad Dam; is that</p> <p>14 right?</p> <p>15 A. That's correct, yes, sir.</p> <p>16 Q. And do you have any opinions as to what amounts of</p> <p>17 water would need to be released from Amistad beyond what's now</p> <p>18 being released to achieve those improvements?</p> <p>19 A. In order to answer that question, you would have to</p> <p>20 have the full design of one or more of the improvements that</p> <p>21 I've discussed in here to determine how much water would need</p> <p>22 to be additionally supplied.</p> <p>23 Q. And you have not either made such a design or caused</p> <p>24 anyone to make such a design today?</p> <p>25 A. No, sir. I have not.</p>	<p>45</p> <p>1 that I had funding and authorizations to go do so, treaties, I</p> <p>2 didn't have to worry about that. So could incremental</p> <p>3 increases to the ability to utilize the river be achieved.</p> <p>4 Q. Do you have any opinion as to the timing of</p> <p>5 additional releases from Amistad Dam that would be necessary to</p> <p>6 achieve any particular level of improvement of navigation in</p> <p>7 the Rio Grande River from 275 to 610?</p> <p>8 A. Again, I would need to know more information on what</p> <p>9 the expectation would be. There's going to be dryer months,</p> <p>10 dryer periods, there's going to be wetter periods. It depends</p> <p>11 on what the request would be to determine how much we would</p> <p>12 need and when we would need it, what would be the most</p> <p>13 feasible, that -- that kind of thing.</p> <p>14 Q. Do you have any opinion as to what levels in the Rio</p> <p>15 Grande River from 275 to 610 are needed to enable the use of</p> <p>16 that stretch as a highway for commerce or trade?</p> <p>17 MR. KNUDSEN: Object to form.</p> <p>18 A. It would depend upon the level of -- of -- of</p> <p>19 commerce and trade taking place, and that would equate to a</p> <p>20 certain vessel, and then if that's what one of the constraints</p> <p>21 were, then we would use that to determine what -- what the</p> <p>22 additional amounts and/or depth would need to be.</p> <p>23 Q. (BY MR. BRYANT) Okay. And is it fair to say that as</p> <p>24 you sit here, you have no opinions on that subject until</p> <p>25 someone gives you a -- a -- some specifications as to the</p>

<p>1 vessels that would be using the river for commerce and trade?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. Yes, sir -- yes, sir. That's correct.</p> <p>4 Q. (BY MR. BRYANT) Okay. So for example, if I -- or if</p> <p>5 the United States were to tell you, "We need to accommodate</p> <p>6 vessels that have a draft of at least six feet," would you have</p> <p>7 any opinion today as to what amounts and timing of releases</p> <p>8 would be necessary to accomplish that in the Rio Grande River</p> <p>9 stretch 275 to 610?</p> <p>10 A. I would not as far as releases goes, no.</p> <p>11 Q. Do you know whether that would even be possible?</p> <p>12 A. I would assume that it would be possible as far as</p> <p>13 the -- the order of precedence as water is used in a -- in a --</p> <p>14 like, at Amistad, for instance, if you utilize the waters for a</p> <p>15 different reason, for different purposes, if you -- you know,</p> <p>16 that kind of thing, then you may be able to do that.</p> <p>17 Again, the biggest issue would be if you had</p> <p>18 that -- that depth, we've already discussed that there are, you</p> <p>19 know, shallow areas, that's the bigger issue that you would</p> <p>20 have to, you know, overcome first.</p> <p>21 Q. Okay. Let me see if I can understand that one.</p> <p>22 I assume that if you're going to accommodate</p> <p>23 ships that had a draft of at least six feet, there would have</p> <p>24 to be a channel in the Rio Grande River from 275 to 610 that</p> <p>25 was greater than six feet deep; is that right?</p>	<p>46</p> <p>1 accommodating vessels of any particular draft; is that correct?</p> <p>2 A. That is correct. Yes, sir.</p> <p>3 Q. Okay. Now, you talked about Class A and Class I</p> <p>4 vessels.</p> <p>5 A. Yes, sir.</p> <p>6 Q. And what's the typical maximum draft of vessels in</p> <p>7 those classes?</p> <p>8 A. Class A is your canoes and kayaks, that kind of an</p> <p>9 activity. They're going to be, you know -- you say "typical</p> <p>10 draft," we're talking about maximums and minimums right now.</p> <p>11 Q. Okay.</p> <p>12 A. So not necessarily what, you know, someone may</p> <p>13 desire, but as a kayak and canoe guy myself, you know, you can</p> <p>14 get into, you know, three, four inches of water and maneuver</p> <p>15 around just fine. Class I, there are vessels that can go down</p> <p>16 and have a draft of as little as four or five inches also.</p> <p>17 Again, maybe not the most practical dips. You would want more</p> <p>18 than that, you know, 18 to 2 -- 18 inches to 2 feet, probably,</p> <p>19 for Class I.</p> <p>20 Q. Okay. And so if you put those two together, Class A</p> <p>21 and Class I, is the maximum draft around two feet?</p> <p>22 A. I would not -- I wouldn't say a "maximum draft," no,</p> <p>23 sir. It depends on the -- the hull type, depends on the -- the</p> <p>24 propulsion type, it depends on a lot of different factors.</p> <p>25 Q. What would you estimate as a maximum?</p>
<p>47</p> <p>1 MR. KNUDSEN: Object to form.</p> <p>2 A. You would have to have an appropriate depth</p> <p>3 throughout that entire stretch.</p> <p>4 Q. (BY MR. BRYANT) And is it fair to say that in the</p> <p>5 event of vessels with six-feet draft, it would be -- an</p> <p>6 appropriate depth would be, to some extent, greater than six</p> <p>7 feet?</p> <p>8 A. Typically speaking, yes, that would need to be</p> <p>9 greater than six feet.</p> <p>10 Q. Okay. And have you done any work to determine what</p> <p>11 improvements would be necessary to accomplish either a channel</p> <p>12 that would accomplish -- that would accommodate vessels with</p> <p>13 drafts of six feet or any other particular amount of draft,</p> <p>14 whether it's 3 feet, 6 feet, 9 feet or 12 feet?</p> <p>15 MR. KNUDSEN: Object to form.</p> <p>16 Q. (BY MR. BRYANT) Or any other?</p> <p>17 MR. KNUDSEN: Same.</p> <p>18 A. The -- the activities that I've discussed inside the</p> <p>19 report is what I have considered as far as --</p> <p>20 Q. (BY MR. BRYANT) Okay.</p> <p>21 A. -- shoaling or shallow areas, you're going to have,</p> <p>22 topographically speaking, more shallow areas in others than</p> <p>23 you're going to have the potential of sedimentation falling out</p> <p>24 and causing areas, so those would have to be taken care of.</p> <p>25 Q. And I did not see any reference in your report to</p>	<p>49</p> <p>1 MR. KNUDSEN: Object to form.</p> <p>2 A. I would -- I would have to have what type of vessel</p> <p>3 it is and what -- what you're doing with it, and how much</p> <p>4 weight's going to be on it and that stuff to determine an</p> <p>5 approximate. I -- it's -- I'm not trying to be evasive here,</p> <p>6 sir, I'm just -- it's -- it's one of those situations where</p> <p>7 it -- it greatly depends on the type of vessel, the type of</p> <p>8 propulsion, and what the intended use of that vessel is.</p> <p>9 Q. (BY MR. BRYANT) If you look at a Class A vessel or a</p> <p>10 Class I vessel, what would you say is the maximum weight of</p> <p>11 goods and personnel that they could safely carry?</p> <p>12 MR. KNUDSEN: Object to form.</p> <p>13 A. And again, it's going to greatly vary from one vessel</p> <p>14 to another. I personally have a 17-foot -- 17-and-a-half-foot</p> <p>15 aluminum craft vessel. You can put 3 to 4 people in that, 750</p> <p>16 pounds, 800 pounds. However, you can have a Class I pontoon</p> <p>17 barge that's 20 feet that can hold a lot more than that, you</p> <p>18 know, 8 people, you know, well -- well over 400 pounds. So it</p> <p>19 just -- it -- it greatly depends on the types of vessel and the</p> <p>20 type of -- of hull, the type of propulsion, and the intended</p> <p>21 use.</p> <p>22 Q. (BY MR. BRYANT) You list in your expert report a</p> <p>23 number of potential sources of improvements to the Rio Grande</p> <p>24 River from Mile 275 to 610.</p> <p>25 A. Yes, sir.</p>

<p>1 Q. Do you have any opinion as to the costs of doing any 2 or all of those improvements -- 3 MR. KNUDSEN: Object to form. 4 Q. (BY MR. BRYANT) -- throughout that stretch? 5 MR. KNUDSEN: Sorry. Object to form. 6 A. I did not develop any cost estimates for these. 7 Q. (BY MR. BRYANT) Are you aware of any cost estimates? 8 MR. KNUDSEN: Object to form. 9 A. I'm not. 10 Q. (BY MR. BRYANT) Whether -- whether or not you 11 developed them personally or not? 12 A. Oh, no, sir. I'm not aware of any cost estimates. 13 Q. Are you aware of any quantification of economic 14 benefits that could be derived from doing any or all of the 15 proposed improvements suggested in your expert report on the 16 Rio Grande between 275 and 610? 17 MR. KNUDSEN: Object to form. 18 A. Part of the assumptions provided to me was that the 19 feasibility of such and the economics and such wa- -- was 20 already taken into account, and that I had carte blanche to do 21 what needed to be done. 22 Q. (BY MR. BRYANT) Okay. So it's fair to say that 23 you -- you didn't do any attempt of a quantification of any 24 economic benefits from doing any or all of the improvements 25 that are set forth in your expert report?</p>	<p>50</p> <p>1 Q. (BY MR. BRYANT) Do you have any opinions as to when 2 any of the possible improvements suggested in your expert 3 report can or should be made? 4 MR. KNUDSEN: Object to form. 5 A. That -- that's not -- I didn't study any of that, and 6 that was not the -- the -- the request at hand. 7 Q. (BY MR. BRYANT) Is it correct that Lake Amistad has 8 no locks or other means that would allow a vessel to travel 9 directly from Amistad Reservoir to the Rio Grande River below 10 the dam? 11 A. That's my understanding, yes, sir. 12 Q. Is it correct that Falcon Dam has no locks that would 13 allow a vessel to travel from the Falcon Reservoir to the 14 Rio Grande River below Falcon Dam directly? 15 A. That's my understanding, yes, sir. 16 Q. Okay. Do you have any opinions as to whether it 17 would be possible to modify either of those dams to allow 18 vessels to travel from above the dam to the Rio Grande River 19 below the dam without putting the -- putting the vessel on land 20 and going around the dam? 21 A. To -- to verify or clarify the question, sir. 22 Q. Okay. 23 A. Are you -- are you asking is it possible to put a 24 lock in? 25 Q. That would be the --</p>
<p>51</p> <p>1 A. I did not put any estimates together, no, sir. 2 Q. And you're not aware of any estimates that exist from 3 any other source? 4 MR. KNUDSEN: Object to form. 5 A. I'm -- I'm not aware of any. I didn't research any 6 of that. 7 Q. (BY MR. BRYANT) Do you have any opinion as to 8 whether and to what extent commercial navigation of the river 9 stretch between 275 and 610 would increase if any or all of the 10 proposed improvements that you describe in your expert report 11 were accomplished? 12 MR. KNUDSEN: Object to form. 13 A. This is -- again, the assumption is that I was given 14 a set of -- set of assumptions that incremental -- that I had 15 the authority and the money to implement incremental 16 activities. So depending on how much you want to do is what -- 17 is what I would -- we would have to go, then, study. I can't 18 give you an answer to that. I... 19 Q. (BY MR. BRYANT) So there are no assumptions that you 20 made as to whether or to what extent any of the improvements 21 that you suggest would increase the amount of commercial 22 navigation in the 275 to 610 stretch? 23 MR. KNUDSEN: Object to form. 24 A. Correct. I did not consider that whatsoever. I 25 considered is it possible to make incremental improvements.</p>	<p>53</p> <p>1 A. I -- 2 Q. -- that would be the obvious way to do it from my 3 standpoint, but I didn't limit you to that. 4 A. Understood. Yes, sir. 5 I'm not an engineer and I'm not a designer. 6 However, provided the level of funding needed, if we were told 7 to go do it, I'm sure that we can -- we could put a lock in. 8 Q. Would you recommend that? 9 A. If that's what Congress asked us to go do, then 10 that's what we would do. 11 Q. If Congress didn't ask you, would you propose it? 12 A. It's not my job to propose it, so it's -- I -- 13 Q. Would you agree that it would be pretty impractical 14 in comparison to any benefits that could be gained? 15 MR. KNUDSEN: Object to form. 16 A. Yeah. I really don't have a basis to make that 17 judgment because it would depend on the project totally. 18 Q. (BY MR. BRYANT) In your opinion marked A -- summary 19 marked A, it states that the Rio Grande between River Miles 275 20 to 610 has, quote, Sufficient water flows to support navigation 21 of the waterway, unquote. 22 How do you define "sufficient flows"? 23 A. Can vessels currently use it? And by my 24 observations, the answer's "yes." 25 Q. And is the answer "yes" only for Class A and Class I</p>

<p>1 vessels?</p> <p>2 A. As far as what I looked into what would be -- what</p> <p>3 my -- the current state of the river, I would say that that's</p> <p>4 the most reasonable expectation, yes, sir.</p> <p>5 Q. Is it fair to say that you could not express the</p> <p>6 opinion that the river currently has sufficient flows to</p> <p>7 support navigation by vessels that are longer or larger than</p> <p>8 are in Class A and Class I?</p> <p>9 MR. KNUDSEN: Object to form.</p> <p>10 A. Anecdotally, there's been -- and I -- it's part of</p> <p>11 the information that I talk about in here, up and down the</p> <p>12 Rio Grande there were -- under internet searches, and as well</p> <p>13 as even under one photo that was of the barge that was used by</p> <p>14 the State to place some of the buoys, those are -- I -- not 100</p> <p>15 percent sure how big the barge was, because I just saw the</p> <p>16 vessel. I didn't see the -- the make and model.</p> <p>17 However, there are larger than Class I vessels</p> <p>18 in certain stretches of the river. As far as how often, it's</p> <p>19 going to depend on water flow. But typically speaking, Class I</p> <p>20 and lower is a more reasonable expectation at this time.</p> <p>21 Q. (BY MR. BRYANT) Okay. And so my -- my question was,</p> <p>22 whether or not you would be willing to express an opinion or</p> <p>23 that you have an opinion as to whether there are currently</p> <p>24 sufficient water flows to support navigation of the waterway</p> <p>25 from 275 to 610 by larger vessels than Class A or Class I?</p>	<p>54</p> <p>1 by such vessels?</p> <p>2 A. The areas that I went and looked at with the Border</p> <p>3 Patrol in particular is one example of an area that most of</p> <p>4 that is. However, there were two spots between the areas that</p> <p>5 we went that would be dif- -- you would not be able to get a</p> <p>6 draft of six feet through there.</p> <p>7 Q. Can -- and of course that's the only part of the</p> <p>8 river you've ever seen, right?</p> <p>9 A. Correct. Well, not co- -- not seen. Been on.</p> <p>10 Q. Is -- is that -- is there any other part of the</p> <p>11 335-mile stretch covered by the Fort Worth District that you</p> <p>12 could state can currently accommodate vessels with drafts of</p> <p>13 six feet or greater?</p> <p>14 A. It will most likely be the entire length of that</p> <p>15 would be just like what I saw. Portions would be able to, and</p> <p>16 portions would not be able to.</p> <p>17 Q. And you can't say which ones?</p> <p>18 A. Well, at this point today, it may be this spot, and a</p> <p>19 year from now, it could be at a different spot. It depends on</p> <p>20 sedimentation, it depends on all those kind of things.</p> <p>21 Q. Is that stretch of the river -- river a stretch that</p> <p>22 in which the depth of the water can vary dramatically?</p> <p>23 A. Yes, sir.</p> <p>24 Q. And is it a stretch of the river in which the depth</p> <p>25 of the water can vary significantly in a short period of time?</p>	<p>55</p>
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<p>1 MR. KNUDSEN: Object to form.</p> <p>2 A. On the area that we went, there is a -- an island, if</p> <p>3 you will, that -- that you would have to go around, yes, sir.</p> <p>4 Q. (BY MR. BRYANT) That's near Eagle Pass?</p> <p>5 A. Yes, sir.</p> <p>6 Q. Are you aware of any other part of the 335-mile</p> <p>7 stretch from 275 to 610 in which there are islands that can</p> <p>8 block vessels from going up or down the Rio Grande River?</p> <p>9 A. No. There currently ve- -- may very well be.</p> <p>10 Q. Are you aware of any vessel that has traveled the</p> <p>11 entire 275 to 610 stretch of the Rio Grande River?</p> <p>12 A. Just as what's referenced inside the 1975 report.</p> <p>13 Q. Are you aware of any instances in your 29 years with</p> <p>14 the Fort Worth District in which anyone who shipped commercial</p> <p>15 goods on the Rio Grande River from Eagle Pass or Piedras Negras</p> <p>16 to cities further downstream in the Rio Grande?</p> <p>17 A. I'm not aware of it.</p> <p>18 Q. Are you aware of any instances in the 29 years with</p> <p>19 the Fort Worth District in which commercial goods have been</p> <p>20 shipped on the Rio Grande from Eagle Pass or Piedras Negras to</p> <p>21 any cities or other points on the Rio Grande upriver from Eagle</p> <p>22 Pass or Piedras Negras?</p> <p>23 A. I'm not aware of it.</p> <p>24 Q. Are you aware of any commercial shipments in your 29</p> <p>25 years with Fort Worth District on the Rio Grande from El Paso</p>	<p>58</p> <p>1 even in that report, that would fit that description?</p> <p>2 A. Just discussions that it's possible.</p> <p>3 Q. Just the discussion that it could be possible?</p> <p>4 A. Yes, sir.</p> <p>5 Q. Has the Fort Worth District of the Corps of Engineers</p> <p>6 granted any permits, licenses, leases or construction contracts</p> <p>7 that are now in effect for businesses to operate for profit on</p> <p>8 the Rio Grande anywhere between 275 and 610?</p> <p>9 MR. KNUDSEN: Object to form.</p> <p>10 A. Yeah. I don't believe that's our -- ours to issue</p> <p>11 permits for.</p> <p>12 Q. (BY MR. BRYANT) Whose -- whose is it?</p> <p>13 A. I would assume that would be IBWC.</p> <p>14 Q. Okay. Are you aware of any such permits or licenses</p> <p>15 or concessions granted by the IBWC for that 275 to 610 stretch</p> <p>16 of river?</p> <p>17 A. I'm not.</p> <p>18 Q. We touched a little bit earlier on this term</p> <p>19 "project."</p> <p>20 Would you consider any of the Rio Grande between</p> <p>21 275 and 610 to be Corps of Engineers project waters?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. Not in the definition that I use "project," no, sir.</p> <p>24 Q. (BY MR. BRYANT) Okay. In 36 CFR Section 327.3, it</p> <p>25 states, and I'm just paraphrasing here, that the placement</p>
<p>59</p> <p>1 to any points within the 275 to 610 stretch of the Rio Grande?</p> <p>2 A. I'm not aware.</p> <p>3 Q. Are you aware of any commercial shipments on the Rio</p> <p>4 Grande from any -- any points in the Albuquerque District in</p> <p>5 the Corps of Engineers to any points in the 275 to 610 stretch</p> <p>6 of the Rio Grande covered by the Fort Worth District?</p> <p>7 A. I'm not aware of any of those.</p> <p>8 Q. Are you aware of any commercial shipments or goods on</p> <p>9 the Rio Grande in your 29 years from any point in the 275 to</p> <p>10 610 stretch of the Rio Grande to any points that are in the</p> <p>11 Galveston District of the Army Corps of Engineers?</p> <p>12 A. I'm not aware of any.</p> <p>13 Q. And are you aware of any commercial shipments or</p> <p>14 goods on the Rio Grande in your 29 years from any point in the</p> <p>15 275 to 610 stretch of the Rio Grande covered by the Fort Worth</p> <p>16 District to the Gulf of Mexico or to any foreign ports?</p> <p>17 A. I'm not aware.</p> <p>18 Q. Is it fair to say that you're not aware of any</p> <p>19 current or past use of the Rio Grande in the 275 to 610 stretch</p> <p>20 as a highway of a commercial shipping or trade to any other</p> <p>21 state or any foreign country?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. Yeah. The only references of the navigation of that</p> <p>24 area that would be similar to that is inside the 1975 report.</p> <p>25 Q. (BY MR. BRYANT) And could you point out anything,</p>	<p>60</p> <p>1 and/or operation of any vessel or watercraft for a fee or</p> <p>2 profit upon project waters or lands is prohibited except as</p> <p>3 author- -- authorized by permit, lease, license or concession</p> <p>4 contract with the Department of the Army.</p> <p>5 Is it your testimony that no such permits,</p> <p>6 leases, licenses or concession contracts have been issued by</p> <p>7 the Army or the Army Corps of Engineers with respect to the</p> <p>8 Rio Grande River between Miles 275.5 and 610?</p> <p>9 MR. KNUDSEN: Object to form.</p> <p>10 A. Part 3 -- Title 36, Part 327 applies to fee-owned</p> <p>11 properties where we operate and maintain the entirety of the</p> <p>12 project. And the -- the items that you -- that you listed may</p> <p>13 occur on those for those project areas, as long as it is under</p> <p>14 an appropriate real estate instrument. We don't issue real</p> <p>15 estate instruments for those type of activities on the Rio</p> <p>16 Grande.</p> <p>17 Q. (BY MR. BRYANT) So is the answer to my question that</p> <p>18 you're not aware of any such leases -- leases, licenses,</p> <p>19 permits or concession contracts that the Army or the Army Corps</p> <p>20 of Engineers has issued or granted with respect to the 275 to</p> <p>21 610 stretch?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. Yeah. I am not aware of any.</p> <p>24 Q. (BY MR. BRYANT) And is it also true that you're not</p> <p>25 aware of any such permits, licenses, leases or contracts issued</p>

<p>1 by any other governmental entity for operations on the 275 to 2 610 stretch for a fee or a profit?</p> <p>3 MR. KNUDSEN: Object to form.</p> <p>4 A. Well, the only -- I'm not aware of those activities 5 due to that not -- not being something that I would have looked 6 into for -- for purposes of increasing the potential of 7 navigation. So I -- I did not review -- substantially review 8 anything. I did a couple of small looks and saw some rental 9 agreements like I had talked about earlier that local folks may 10 use that for -- for their businesses. If they have to have a 11 permit, I'm not aware of who they would have gotten the permit 12 from.</p> <p>13 Q. (BY MR. BRYANT) Okay. Are you -- are you aware of 14 any permits, licenses, leases or concessions that the Army or 15 Army Corps of Engineers have granted for -- for profit 16 activities on Amistad Reservoir?</p> <p>17 MR. KNUDSEN: Object to form.</p> <p>18 A. I'm not aware of any, and we don't issue permits for 19 commercial concessions on Amistad.</p> <p>20 Q. (BY MR. BRYANT) Are you aware of any such permits, 21 licenses, leases or concessions with respect to Falcon 22 Reservoir?</p> <p>23 MR. KNUDSEN: Object to form.</p> <p>24 A. Same. We -- I don't have any.</p> <p>25 Q. (BY MR. BRYANT) Are you aware of any commercial</p>	<p>62</p> <p>1 possible improvement to navigation of the river; is that 2 correct?</p> <p>3 A. Yes, sir.</p> <p>4 Q. Would the Army Corps of Engineers have the authority 5 to do that?</p> <p>6 MR. KNUDSEN: Object to form.</p> <p>7 A. The assumptions that I was given was that Congress 8 has -- has already authorized that. And then if we were to do 9 so, then yes, we would have -- they would have the authority to 10 move forward.</p> <p>11 Q. (BY MR. BRYANT) Absent a congressional act, would 12 the Corps of Engineers have authority under its current 13 congressional authority to improve the channel of the 14 Rio Grande River between 275 to 610?</p> <p>15 MR. KNUDSEN: Object to form.</p> <p>16 A. I'm -- I'm not the chief of civil works, so that -- 17 that would be a civil works project. I operate and maintain 18 civil works projects, but they've already gone through the 19 process that you're describing. If -- if an entity that had 20 the authority to -- to do that asked for us to go do it, then I 21 believe, yes, we would have the authority -- overarching 22 authority to do it, but we would need additional authority from 23 Congress for a specific project.</p> <p>24 Q. (BY MR. BRYANT) Would the Army Corps of Engineers 25 also need the approval of any other governmental bodies, such</p>
<p>1 fi -- fishing operations on the stretch of Rio Grande between 2 275 to 610?</p> <p>3 MR. KNUDSEN: Object to form.</p> <p>4 A. If "commercial" is defined as fishing guides, there's 5 references online that can readily be found. But as far as 6 issuing a permit or knowing firsthand about them, other than a 7 quick search on the internet, no.</p> <p>8 I'm not aware of any.</p> <p>9 Q. (BY MR. BRYANT) And another -- strike that.</p> <p>10 Are you aware of any conduct of a -- a business 11 to catch fish for a profit or sell fish caught in the river --</p> <p>12 A. Oh, okay.</p> <p>13 Q. -- for a profit?</p> <p>14 MR. KNUDSEN: Object to form.</p> <p>15 A. I'm not aware of any, no, sir.</p> <p>16 Q. (BY MR. BRYANT) Okay. What, if any, channel 17 maintenance activities does the Fort Worth District of the Army 18 Corps of Engineers engage in now with respect to the 275 to 610 19 stretch of the Rio Grande River?</p> <p>20 A. I'm not aware of any.</p> <p>21 Q. And is that true for the entire 29 years you've been 22 with the Fort Worth District?</p> <p>23 A. Correct. I'm not aware of any -- any activities.</p> <p>24 Q. Your expert report suggests various types of work 25 within the channel of the Rio Grande River in that stretch as a</p>	<p>63</p> <p>1 as the IBWC?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. In that process, there would be a sponsor. My 4 assumption in this case would be the IBWC. In that process 5 would also be the National Environmental Policy Act. We would 6 have to -- there's -- there's things inside there that we would 7 coordinate with other entities, Federal entities, State 8 governments, as well as, potentially, the municipalities.</p> <p>9 Q. (BY MR. BRYANT) If I understand your answer 10 correctly, accomplishing the improvements suggested in your 11 expert report that involved activities in the channel of the 12 Rio Grande between 275 to 610 would require consent not only of 13 Congress, but also of a sponsor, such as the IBWC; is that 14 correct?</p> <p>15 MR. KNUDSEN: Object to form.</p> <p>16 A. It would -- it would require a sponsor. As far as 17 consent, that -- that would be assumed if the sponsor came to 18 us and said, "We would like to do that."</p> <p>19 Q. (BY MR. BRYANT) That's part of sponsoring, is 20 consent to what is being sponsored, right?</p> <p>21 A. So -- so yes. The sponsor would -- would ask us, 22 "Can -- can we -- can we do this, and can you assist with 23 that?"</p> <p>24 Q. Okay. And if I understand your answer correctly, it 25 would also require environmental clearances of various types?</p>

<p>1 A. Yes, sir.</p> <p>2 Q. And what agencies of what governments would that</p> <p>3 clearance have to come from?</p> <p>4 A. Just various land managing agencies within the United</p> <p>5 States Government. We also coordinate with all local sponsors</p> <p>6 or governmental entities as well as the states. So just, you</p> <p>7 know, within the state, I believe, TCEQ would be involved,</p> <p>8 Texas Commission on Environmental Quality would be involved,</p> <p>9 EPA would be involved, U.S. Fish and Wildlife. Tho -- those</p> <p>10 types of folks would be involved to ensure that -- that all of</p> <p>11 the elements of the National Environmental Policy Act were</p> <p>12 adhered to and addressed.</p> <p>13 Q. Okay. Would it require compliance with any Texas</p> <p>14 laws?</p> <p>15 MR. KNUDSEN: Object to form.</p> <p>16 A. It would -- it would require us to coordinate with</p> <p>17 Texas, yes. As far as the actual laws, if there's a Texas law,</p> <p>18 I'm not aware of which law it would be. However, I am aware</p> <p>19 that the State's basic tenets are -- for the types of</p> <p>20 activities that I'm discussing, for instance, I've referenced</p> <p>21 TCEQ, is based in regulations and law that comes from the</p> <p>22 Federal Government, so it's, kind of, all wrapped into one</p> <p>23 thing.</p> <p>24 Q. (BY MR. BRYANT) Okay. And when you use the term</p> <p>25 "coordinate with," does that encompass the idea that the other</p>	<p>66</p> <p>1 with any Mexican authorities, either the government of Mexico</p> <p>2 or at the states of Coahuila or Tamaulipas in order to</p> <p>3 accomplish what is proposed in your expert report as reasonable</p> <p>4 improvements to the Rio Grande River in the 275 to 610 stretch?</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. I was provided an assumption that that had already</p> <p>7 been done. So as far as that -- that goes, my assumption is</p> <p>8 that -- yes.</p> <p>9 Q. (BY MR. BRYANT) Okay. Well, let me give you an</p> <p>10 assumption that it was not done.</p> <p>11 Would you need to do it?</p> <p>12 MR. KNUDSEN: Object to form.</p> <p>13 A. My general practice is, of course, anyone that's</p> <p>14 affected by such an activity is -- that's the purpose of NEPA</p> <p>15 is to reach out and coordinate with those entities that could</p> <p>16 be affected.</p> <p>17 Q. (BY MR. BRYANT) Are you aware of any endangered</p> <p>18 species that would be affected by any of the improvements that</p> <p>19 are proposed in your expert report?</p> <p>20 MR. KNUDSEN: Object to form.</p> <p>21 A. Yeah. I didn't re- -- research that. Just -- but</p> <p>22 off the top of my head, I'm not currently aware of any species</p> <p>23 that would be affected.</p> <p>24 Q. (BY MR. BRYANT) Would such an investigation need to</p> <p>25 be done before any of those reasonable improvements could be</p>
<p>67</p> <p>1 group with whom you're coordinating has to agree to the course</p> <p>2 of action that is proposed?</p> <p>3 A. That's definitely the hope, yes, sir. The -- the --</p> <p>4 when I say "coordinate with," it is on a good faith effort to</p> <p>5 make sure that if I've got -- if the Corps of Engineers, not I,</p> <p>6 Tim, but if the Corps of Engineers has folks that are</p> <p>7 performing those functions, live elsewhere, they may not have</p> <p>8 firsthand knowledge of something, then they're going to</p> <p>9 coordinate with those entities that would, whether it's</p> <p>10 invasive species, State listed species, whether it's co- -- you</p> <p>11 know, whatever the case is, that's what the coordination is</p> <p>12 there for. Could be historical, cultural, just all kinds of</p> <p>13 different things.</p> <p>14 Q. Okay. And again, I'm trying to get down to the</p> <p>15 fundamental question of if you attempt to coordinate and you</p> <p>16 don't see 100 percent eye to eye, can the Corps of Engineers go</p> <p>17 ahead and do what it thinks is best or does it need actual</p> <p>18 consent from the coordinating agencies?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. Being that I've not been in that situation, the</p> <p>21 desire is always to coordinate, and if we don't completely</p> <p>22 agree, we typically come to an agreement on what is -- what --</p> <p>23 what can and can't work. And if we have to make adjustments,</p> <p>24 then we typically do.</p> <p>25 Q. (BY MR. BRYANT) Okay. Would you need to coordinate</p>	<p>69</p> <p>1 undertaken?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. Yeah. That was an assumption that those kind of</p> <p>4 activities were already done, but that's part of NEPA, yes,</p> <p>5 sir.</p> <p>6 Q. (BY MR. BRYANT) Was the assumption that you were</p> <p>7 given was that all necessary per- -- permissions and</p> <p>8 investigations had been done, so that there were no regulatory</p> <p>9 obstacles or issues with respect to any of the reasonable</p> <p>10 improvements?</p> <p>11 MR. KNUDSEN: Object to form.</p> <p>12 A. The assumptions I was given was that all clearances</p> <p>13 had already been obtained, and authorization was provided.</p> <p>14 Q. (BY MR. BRYANT) Do you have any knowledge as to what</p> <p>15 depth of river channels have been implemented by the Corps of</p> <p>16 Engineers and other districts in order to enable commercial</p> <p>17 navigation on other rivers in the United States besides the</p> <p>18 Rio Grande?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. Yeah. I -- I didn't research any of that. I'm not</p> <p>21 aware of what those depths are.</p> <p>22 Q. (BY MR. BRYANT) Okay. So you have no information as</p> <p>23 to the depth of the channels that the Corps of Engineer ma- --</p> <p>24 Corps of Engineers maintains, for example, in the Mississippi</p> <p>25 River to enable the navigation of the river?</p>

<p>1 MR. KNUDSEN: Object to form.</p> <p>2 A. I'm not -- I'm not aware of what those averages are,</p> <p>3 no, sir.</p> <p>4 Q. (BY MR. BRYANT) Are you aware of the width of the</p> <p>5 channel that is maintained by the Army Corps of Engineers in</p> <p>6 other inland U.S. waterways to enable commercial navigation?</p> <p>7 MR. KNUDSEN: Object to form.</p> <p>8 A. I did not research any of that. I'm not aware, sir.</p> <p>9 Q. (BY MR. BRYANT) Are you aware of the minimum depth</p> <p>10 of the channel required for the intracoastal waterway around</p> <p>11 parts of the coast of the United States?</p> <p>12 A. I'm not aware of the depths.</p> <p>13 Q. Are you aware of the depth of the channel required</p> <p>14 for commercial navigation on the Tennessee and Tombigbee</p> <p>15 Rivers?</p> <p>16 MR. KNUDSEN: Object to form.</p> <p>17 A. I'm not aware of what those...</p> <p>18 Q. (BY MR. BRYANT) Do you have any knowledge as to the</p> <p>19 estimated cost for creating a channel of the minimum depth --</p> <p>20 depth required for commercial navigation elsewhere by the Corps</p> <p>21 of Engineers in the 275 to 610 stretch of the Rio Grande River?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. I'm not aware of any of those.</p> <p>24 Q. (BY MR. BRYANT) Is that the same answer if I ask you</p> <p>25 that question for the stretch of the Rio Grande River from the</p>	<p>70</p> <p>1 A. I'm not aware of that, no. And, specifically,</p> <p>2 staying between the 275 to 610 range, I can't speak on behalf</p> <p>3 of Galveston District.</p> <p>4 Q. Well, I understand that that's your territory.</p> <p>5 A. Right.</p> <p>6 Q. If you happen to know anything --</p> <p>7 A. Certainly.</p> <p>8 Q. -- in the Albuquerque District or the Galveston</p> <p>9 District, I would request that you tell me that.</p> <p>10 A. Yes, sir. Understood.</p> <p>11 Q. And you don't know anything?</p> <p>12 A. All I know is we have -- Galveston District takes</p> <p>13 care of navigation in their district. I don't -- I would</p> <p>14 assume they ask for funding, yes, sir.</p> <p>15 Q. But you have no knowledge of whether they do or not?</p> <p>16 A. I have no knowledge of what they ask for.</p> <p>17 Q. And do you know of any funding that Congress has ever</p> <p>18 granted for any improvements for the purposes of navigation to</p> <p>19 any part of the Rio Grande River?</p> <p>20 A. I can't speak to the part that's not -- that's</p> <p>21 outside of my 275 to 610. We do have navigation down there as</p> <p>22 the Corps of Engineers, but I don't -- I don't deal with that.</p> <p>23 I don't ask for budget request money. I don't -- I don't deal</p> <p>24 with that, so I can't say that -- that it's not asked for. I</p> <p>25 just -- I'm not aware of it.</p>
<p>71</p> <p>1 El Paso -- from El Paso to the Gulf of Mexico?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. That's correct.</p> <p>4 Q. (BY MR. BRYANT) And is the answer the same if I ask</p> <p>5 you that question for the portion of the Rio Grande River from</p> <p>6 Eagle Pass to the Gulf of Mexico?</p> <p>7 MR. KNUDSEN: Object to form.</p> <p>8 A. Yes, that's correct.</p> <p>9 Q. (BY MR. BRYANT) Do you have any estimates for the</p> <p>10 cost of dredging a channel in a river -- any river in the</p> <p>11 United States suitable for commercial navigation per mile?</p> <p>12 MR. KNUDSEN: Object to form.</p> <p>13 A. I do not have any of those estimates, no.</p> <p>14 Q. (BY MR. BRYANT) And you don't have that for any</p> <p>15 portions of the Rio Grande River either?</p> <p>16 MR. KNUDSEN: Object to form.</p> <p>17 A. I do not, no.</p> <p>18 Q. (BY MR. BRYANT) Has the Fort Worth District ever</p> <p>19 requested from Congress funds to improve navigation anywhere in</p> <p>20 the 275 to 610-mile stretch of the Rio Grande covered by the</p> <p>21 Fort Worth District?</p> <p>22 A. I'm not aware of that. I don't know.</p> <p>23 Q. Are you aware of any request from Congress for any</p> <p>24 funds to do any improvements for purposes of navigation</p> <p>25 anywhere in the Rio Grande River?</p>	<p>72</p> <p>1 Q. My request was about funds that are -- have actually</p> <p>2 been granted by Congress. Are you aware of any such funds</p> <p>3 being granted by Congress for any improvements to navigation to</p> <p>4 the Rio Grande River at any locations?</p> <p>5 A. In specificity, no.</p> <p>6 Q. If congress- -- additional congressional funding were</p> <p>7 not available, would any or all of the reasonable improvements</p> <p>8 envisioned in your expert report be feasible within the current</p> <p>9 avail- -- budget available to the Fort Worth District for an</p> <p>10 engineer?</p> <p>11 MR. KNUDSEN: Objection, form.</p> <p>12 A. I -- I have no authorization to do anything, so</p> <p>13 whether it had funding or not would be irrelevant.</p> <p>14 Q. (BY MR. BRYANT) I agree.</p> <p>15 But if you -- if you put aside authorization --</p> <p>16 A. We're -- we're project --</p> <p>17 Q. -- would you have funding?</p> <p>18 A. We're project funded, so if there's no authorization,</p> <p>19 I don't have a project to -- to put money in. So I can't -- I</p> <p>20 can't take funding from another project, and put it on that.</p> <p>21 Q. Okay. Has anybody, to your knowledge, done any kind</p> <p>22 of survey of where dredging would be needed in the 275 to 610</p> <p>23 stretch in order to accommodate commercial navigation?</p> <p>24 A. Not to my knowledge.</p> <p>25 Q. Do you have any information as to where within the</p>

<p>1 275 to 610 stretch one would need to do dredging in order to 2 accomplish the reasonable improvements envisioned in your 3 expert report?</p> <p>4 A. A quantified amount, I'm not aware of. No, I don't 5 have that -- that information.</p> <p>6 Q. Okay. You mentioned "quantified amount," but I'm 7 also asking just the locations.</p> <p>8 A. Well, fine. Yes, sir. I -- I don't know how many 9 locations that would be.</p> <p>10 Q. You -- you don't know the locations or the amount of 11 dredging necessary?</p> <p>12 A. The -- correct. I mean, I don't have a design to go 13 ascertain what that would be.</p> <p>14 Q. Are the reasonable improvements that are envisioned 15 in your expert reports one that would be accomplished only on 16 the U.S. side of the Rio Grande River?</p> <p>17 A. That would depend on the design. It -- it would 18 strictly depend on the design, and it would vary by location.</p> <p>19 Q. Are there locations where the improvements would not 20 be effective unless they could be made on the Mexican side --</p> <p>21 MR. KNUDSEN: Object --</p> <p>22 Q. (BY MR. BRYANT) -- of the Rio Grande River?</p> <p>23 MR. KNUDSEN: Objection to form.</p> <p>24 A. For the types of improvements I'm talking about where 25 we -- I mean, I talked -- I did talk about shoaling, but I also</p>	<p>74</p> <p>1 would be done with the dredge material?</p> <p>2 A. Again, that would be -- there's an assumption that we 3 have already acquired appropriate disposal sites through the 4 authorization process, through -- through the acquisition 5 process -- land acquisition process to dispose of those 6 materials at the predetermined sites.</p> <p>7 Q. Okay. I understand you were asked to make that 8 assumption.</p> <p>9 Do you know if that assumption is in any way 10 based on reality?</p> <p>11 MR. KNUDSEN: Object to form.</p> <p>12 Q. (BY MR. BRYANT) In other words, do such sites exist, 13 to your knowledge?</p> <p>14 A. There are -- there's no disposal sites at this point 15 in time because there's no need for disposal sites, because 16 we -- we don't -- we're not doing that right now.</p> <p>17 Q. If the substantial improvements envisioned in your 18 expert report were made that involve dredging, would that 19 involve a one time effort or would there be a nec- -- necessity 20 for ongoing maintenance dredging?</p> <p>21 A. You would have to have maintenance dredging to 22 maintain appropriate channel ducts.</p> <p>23 Q. Are you able to give any estimates as to the extent 24 of that maintenance dredging that would be necessary?</p> <p>25 A. No. It would, again, depend on scope and -- and that</p> <p>76</p>
<p>75</p> <p>1 talk about topography. If we want to keep it all on the United 2 States side, I'm sure we can figure it out and engineer it and 3 dig it out where we needed to. If we wanted to coordinate with 4 others and make sure that it was -- you know, it just depends 5 on the authorization, it depends on the design, depends on -- 6 on all those things.</p> <p>7 Q. (BY MR. BRYANT) Are there portions of the 275 to 610 8 stretch where there's significant shoaling on the Mexican side 9 of the international boundary in the Rio Grande River?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. From aerial views where you can see shoaling take 12 place, there's shoaling in various locations. Some of it is 13 on -- on each side, yes, sir.</p> <p>14 Q. (BY MR. BRYANT) Are there areas in which there 15 cannot be substantial improvement in the navigation of a 16 stretch within the 275 to 610 range without improvement on the 17 Mexican side of the international boundary?</p> <p>18 MR. KNUDSEN: Object to form.</p> <p>19 A. Yeah. I have no -- no basis to say "yes" or "no." 20 It would depend on design.</p> <p>21 Q. (BY MR. BRYANT) Are there any plans that you know of 22 to even create such a design?</p> <p>23 A. No, sir. Not that I'm aware of.</p> <p>24 Q. If the reasonable improvements that you envision in 25 your expert report that involve dredging were to be made, what</p>	<p>77</p> <p>1 kind of thing.</p> <p>2 Q. And is it correct, then, that you can't give any 3 estimate as to the cost of that maintenance dredging?</p> <p>4 A. I was not asked to provide any estimates on cost.</p> <p>5 Q. And is it correct that you can't, as you sit here 6 today, provide any estimates on cost?</p> <p>7 A. Correct. I would have to have a design.</p> <p>8 Q. Would you, personally, be competent to create such a 9 design?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. I would be competent to create the operations and 12 maintenance manual. As far as the design of the actual 13 structures themselves, no, I would not be that person.</p> <p>14 Q. (BY MR. BRYANT) Okay. Do you know if there are any 15 arch- -- archeological sites or artifacts in the 275 to 610 16 stretch of the Rio Grande River that would be disturbed or 17 affected if the reasonable improvements envisioned by your 18 expert report were made?</p> <p>19 A. I'm not aware of any exact sites, but with the 20 history of the area, I'm sure there are. And that's why we 21 would have to run the NEPA process.</p> <p>22 Q. And is it impossible at -- at this point to estimate 23 the time or cost that would be required to accomplish that?</p> <p>24 MR. KNUDSEN: Object to form.</p> <p>25 A. I -- I would -- I wouldn't even hazard to guess on</p>

<p>1 the amount of time right now.</p> <p>2 Q. (BY MR. BRYANT) Or cost?</p> <p>3 A. Or cost.</p> <p>4 Q. Is it correct that none of the reasonable</p> <p>5 improvements envisioned in your expert report have been</p> <p>6 proposed or discussed with Army Corps of Engineers</p> <p>7 headquarters?</p> <p>8 A. I'm not aware if they have or not. But to my</p> <p>9 knowledge, no.</p> <p>10 Q. Is it correct that none of the improvements</p> <p>11 envisioned in your expert report have been proposed to or</p> <p>12 discussed with IBWC?</p> <p>13 A. Not to my knowledge, no, sir.</p> <p>14 Q. Is it correct that none of the substantial</p> <p>15 improvements envisioned by your expert report have been</p> <p>16 proposed to or discussed with the government of Mexico?</p> <p>17 A. That's correct.</p> <p>18 Q. Is it correct that none of the improvements proposed</p> <p>19 or suggested within your expert report have today been proposed</p> <p>20 to or discussed with any agencies of Texas or with any parts of</p> <p>21 the State Government of Texas?</p> <p>22 A. Not to my knowledge, no, sir.</p> <p>23 Q. Other than the office of the attorney general?</p> <p>24 And is it correct that none of the substantial</p> <p>25 improvements that are envisioned in your expert report have</p>	<p>78</p> <p>1 Q. Why didn't you discuss with anybody in districts</p> <p>2 where the Corps of Engineers regularly does dredging what would</p> <p>3 be required to accomplish that on the Rio Grande River?</p> <p>4 MR. KNUDSEN: Object -- and I'm going to</p> <p>5 actually instruct the witness not to answer that to the extent</p> <p>6 it asks for work product.</p> <p>7 MR. BRYANT: I don't think it does.</p> <p>8 Q. (BY MR. BRYANT) So my question is, why didn't you</p> <p>9 discuss with other people in the Corps of Engineers who do that</p> <p>10 type of dredging on an ongoing basis what is required, what the</p> <p>11 costs are, how practical it is or isn't, things like that?</p> <p>12 MR. KNUDSEN: I'll object.</p> <p>13 Are you asking for information obtained from --</p> <p>14 from Counsel within the Corps of Engineers?</p> <p>15 MR. BRYANT: No.</p> <p>16 THE WITNESS: I'm good?</p> <p>17 MR. KNUDSEN: Object to form.</p> <p>18 You can answer.</p> <p>19 A. Okay. So the biggest reason is, is I was provided</p> <p>20 the assumptions that cost was not a factor, and don't get</p> <p>21 bogged down in trying to figure out how much this would cost.</p> <p>22 As stated earlier, the clearances were already assumed to be</p> <p>23 provided and such. As far as the types of activities, just</p> <p>24 throughout my career of being in different conferences,</p> <p>25 different discussions, there's nothing in there that I would</p>
<p>1 been discussed with the U.S. Department of State or any other</p> <p>2 U.S. Government agencies?</p> <p>3 A. That's correct. Not to my knowledge.</p> <p>4 Q. Are there other Army Corps of Engineer districts</p> <p>5 where dredging of inland waterways is a common or ongoing</p> <p>6 activity?</p> <p>7 MR. KNUDSEN: Object to form.</p> <p>8 A. Yes, sir. Yes, sir.</p> <p>9 Q. (BY MR. BRYANT) And you have not discussed any of</p> <p>10 the substantial improvements envisioned in your expert report</p> <p>11 with anybody from any of those districts today?</p> <p>12 A. With the exception of the reference to Chris Frabotta</p> <p>13 earlier to obtain some things, no, sir, I have not discussed</p> <p>14 this with any other -- other district.</p> <p>15 Q. Okay. When you spoke about your interaction with</p> <p>16 Mr. Frabotta, you mentioned the dredging machine photos.</p> <p>17 What else was your -- of your interaction with</p> <p>18 Mr. Frabotta related in any way to your expert report or any</p> <p>19 improvements suggested in it?</p> <p>20 A. Just -- just the discussion about the machinery.</p> <p>21 I -- you know, I just asked him if I was going to use</p> <p>22 mechanical dredging activities, do you have some photos? I've</p> <p>23 done it before, but we didn't take photos, and I was in the</p> <p>24 middle of it, and so he provided -- provided those photos to</p> <p>25 me.</p>	<p>79</p> <p>1 expect anyone else to -- to bring up and -- and state this</p> <p>2 method or that method, because we're really talking about</p> <p>3 methodologies, not -- not -- not all the other items that you</p> <p>4 mentioned.</p> <p>5 Q. (BY MR. BRYANT) Is it fair to say that you were told</p> <p>6 as an assumption for your work that cost was irrelevant?</p> <p>7 A. I wasn't told cost was irrelevant. I was told that</p> <p>8 authorization was provided, and costs were not an -- were not</p> <p>9 an issue, meaning that Congress had fun- -- had provided</p> <p>10 whatever the funds needed were.</p> <p>11 Q. And were you told as an assumption for your work that</p> <p>12 timing was irrelevant?</p> <p>13 A. I didn't consider timing as far as -- I mean, I</p> <p>14 assume that any and all of those types of things were all done.</p> <p>15 The question at hand was, can we make incremental improvements?</p> <p>16 Q. And were you told as an assumption for all of your</p> <p>17 work that you had every clearance and agreement necessary from</p> <p>18 any other public or private party?</p> <p>19 A. That -- that's correct, yes, sir.</p> <p>20 Q. All right. Now, I think you mentioned earlier in</p> <p>21 your testimony that there was some amount of dredging done by</p> <p>22 the Fort Worth District in the Rio Grande River just below</p> <p>23 Amistad Dam at some point.</p> <p>24 When did that occur?</p> <p>25 MR. KNUDSEN: Object to form.</p> <p>80</p>

<p>1 A. I didn't -- I don't recall saying that. I've -- 2 we've not dredged anything below the Amistad Dam. 3 Q. (BY MR. BRYANT) Okay. I misunderstood or 4 misremembered. 5 Where in the 275.5 to 610 stretch of the Rio 6 Grande River has the Fort Worth District ever done any 7 dredging? 8 A. I'm not aware of any. 9 Q. Which was the dam that I'm thinking of that you told 10 me that -- was that -- 11 A. I just -- 12 Q. -- O.C. Fisher or was that something -- 13 A. O.C. Fisher was on the front side on the embankment 14 that I used as an example, and then there was a few areas that 15 I mentioned, like, Lewisville as a dewatering activity where we 16 might do some dredging behind there to -- to clear out the 17 areas. 18 Q. Okay. So the Fort Worth District of the Corps -- 19 Corps of Engineers has no history of dredging the Rio Grande in 20 this 275 to 610 stretch? 21 MR. KNUDSEN: Object to form. 22 A. To my knowledge, that's correct. 23 Q. (BY MR. BRYANT) So Fort Worth District has no 24 history as to how much that might cost? 25 MR. KNUDSEN: Object to form.</p>	<p>82 1 current Texas program? 2 A. It would be essentially expanding it further along, 3 you know, just enhancing that program by additional efforts, 4 funding, whatever might be needed. 5 Q. Is there any quantification of the expansion or the 6 additional efforts that are envisioned in your expert report? 7 A. It -- no, I don't have a quantify -- quantity on 8 that, no. 9 Q. Does your expert report envision that nothing would 10 be done on the Mexican side of the international boundary to 11 deal with the -- the Carrizo cane or other problem plant 12 species? 13 A. No, sir. The way I -- my assumptions were that if it 14 needed to be done on that side, they would do it on that side, 15 because clearances and authorizations were granted. 16 Q. Are you aware of any instances in which the Army 17 Corps of Engineers in the Fort Worth District has actually 18 attempted to get or gotten consent from Mexican authorities to 19 do anything on the Mexican side of the international boundary? 20 A. That's outside the scope of what I would -- no, I 21 have -- I don't know if they did -- if Con- -- the Corps 22 wouldn't go seek that. It would just act on behalf of what 23 Congress did, so above and beyond any of that, no, I'm not 24 aware of anything else. 25 Q. So as far as you understand, that would require</p>
<p>83 1 A. I'm trying to think of how to answer that. The -- 2 it's not that there -- it's -- if we've never done it in that 3 area, then we would have to apply all the principles and 4 practices and wage rates and everything else to determine what 5 that would be. But it's not that we don't -- it's because we 6 haven't had a contract down there to do such, so... 7 Q. (BY MR. BRYANT) Okay. And because the Fort Worth 8 District has never done any dredging in the Rio Grande in the 9 275 to 6 -- 610 stretch, you can't know the extent of 10 maintenance dredging that would be necessary to maintain any 11 channel once created? 12 MR. KNUDSEN: Object to form. 13 A. Again, that would go back to the design. So as I sit 14 here without a design in knowing what depth we're trying to 15 maintain, I -- I don't have the capability of giving you an 16 answer. 17 Q. (BY MR. BRYANT) Okay. Does the Fort Worth District 18 have any history that you know of of doing anything to maintain 19 or improve the navigability of the 275 to 610 stretch of the 20 Rio Grande River? 21 A. Not to my knowledge. 22 Q. Now, we touched earlier briefly on Cane and other 23 plant species control. 24 Does your program of substantial improvements 25 referred to in your expert report envision anything beyond the</p>	<p>83 1 congressional action? 2 A. It -- it would for us to have the authority to -- to 3 work on things, yes, sir. 4 Q. Do you have any understanding as to the time required 5 to -- 6 MR. BRYANT: Let's -- let's go off the record 7 for a second. 8 THE WITNESS: Okay. 9 MR. BRYANT: We may be having some technical 10 difficulties. 11 THE VIDEOGRAPHER: The time is 11:34 a.m., and 12 we're off the record. 13 (Recess taken from 11:34 a.m. to 12:35 p.m.) 14 THE VIDEOGRAPHER: The time is 12:35 p.m., and 15 we're back on the record. 16 Q. (BY MR. BRYANT) Mr. MacAllister, before our lunch 17 break, we were discussing the suggestions for improvements to 18 navigation in the Rio Grande River stretch from 275 to 610 that 19 were discussed in your expert report, and particularly the 20 concept of control of Carrizo cane and other undesirable plant 21 species. 22 Do you have any quantification as to how much 23 improvements could reasonably be expected to obtain -- be 24 obtained in navigation from the improvements you suggest in 25 your report?</p>

<p>1 A. With regard, specifically, to Carrizo cane that we --</p> <p>2 Q. Yes.</p> <p>3 A. No, sir.</p> <p>4 Q. Do you have any quantifications to the extent of</p> <p>5 improvements in navigation that could be obtained from all of</p> <p>6 the suggestions for improvements that are included in your</p> <p>7 expert report?</p> <p>8 A. Not without a design, no.</p> <p>9 Q. Another topic that you discussed in your expert</p> <p>10 report as a potential improvement would be improvements in</p> <p>11 water releases from Amistad.</p> <p>12 Isn't all of the water in Amistad Dam already</p> <p>13 allocated for various uses other than navigation?</p> <p>14 MR. KNUDSEN: Object to form.</p> <p>15 A. I believe that's correct.</p> <p>16 Q. (BY MR. BRYANT) Does IBWC now manage releases from</p> <p>17 Amistad so as to attempt to best satisfy the needs of holders</p> <p>18 of water rights in accordance with priorities agreed to by the</p> <p>19 United States and Mexico by treaty?</p> <p>20 A. That's my understanding.</p> <p>21 Q. And in treaties between the United States and Mexico,</p> <p>22 particularly the 1944 Treaty, aren't there priorities for uses</p> <p>23 of the waters in the Rio Grande River, including Amistad and</p> <p>24 Falcon?</p> <p>25 A. That's my understanding.</p>	<p>86</p> <p>1 priority under the current treaties between the U.S. and</p> <p>2 Mexico?</p> <p>3 A. That's my understanding.</p> <p>4 Q. And so with the devotion of any releases -- with a</p> <p>5 change of release priorities who prioritize water for</p> <p>6 navigation require that the rights holders with respect to uses</p> <p>7 of pri- -- higher priorities, either consent to relinquish</p> <p>8 their rights or for the -- the governments that create those</p> <p>9 rights to change the priorities?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. I think the best way to answer -- that I can answer</p> <p>12 that is to say that the assumption I was given was that those</p> <p>13 authorities were deemed completed, if you will, to -- to</p> <p>14 utilize the water as needed for this -- for this scenario.</p> <p>15 Q. (BY MR. BRYANT) I do understand that you've been</p> <p>16 given the assumption that magically all clearances will be</p> <p>17 provided, and all funding will be provided.</p> <p>18 But regardless of that, I'm asking what -- what</p> <p>19 would have to be done to do that? Do you agree that it would</p> <p>20 require changes in the current treaties between the U.S. and</p> <p>21 Mexico; and therefore, would require the cooperation of both</p> <p>22 the U.S. Government and the Mexican Government?</p> <p>23 MR. KNUDSEN: Object to form.</p> <p>24 A. Yeah. I am absolutely not an expert on the treaties,</p> <p>25 and so I -- I don't want to say that it would, but I would</p>
<p>1 Q. And what are those priorities?</p> <p>2 A. As -- as mentioned earlier this morning, Flood Risk</p> <p>3 Management would hold the water back, utilization of water</p> <p>4 releases for hydropower, water consumption, whether it's</p> <p>5 municipal, irrigation, so forth --</p> <p>6 Q. And --</p> <p>7 A. -- and utilize the water in the -- behind the dam for</p> <p>8 recreation and/or natural resources activities as well.</p> <p>9 Q. And currently, are all of the waters in Amistad</p> <p>10 Reservoir needed to satisfy water rights holders with respect</p> <p>11 to irrigation and municipal uses?</p> <p>12 A. To my understanding, yes, sir.</p> <p>13 Q. So would any change in releases from Amistad, such as</p> <p>14 those suggested in your expert report, require, first, the</p> <p>15 approval of IBWC?</p> <p>16 MR. KNUDSEN: Object to form.</p> <p>17 A. It's my understanding it would, yes.</p> <p>18 Q. (BY MR. BRYANT) I'm sorry. I didn't hear you.</p> <p>19 A. I said, it's my understanding that it would, yes.</p> <p>20 Q. Okay. And given the priorities by treaty, would it</p> <p>21 require changes in the treaties between the United States and</p> <p>22 Mexico?</p> <p>23 A. Depending on the -- it would depend on the level of</p> <p>24 change in utilization of water.</p> <p>25 Q. Is it correct that navigation is the fifth-level</p>	<p>87</p> <p>1 absolutely say yes, it would require coordination with all</p> <p>2 stakeholders involved, including Mexico.</p> <p>3 Q. (BY MR. BRYANT) And would it also -- would you</p> <p>4 expect in -- in the event that would propose that all of those</p> <p>5 holders of water rights with higher priority in navigation</p> <p>6 would take a dim view of such a proposal?</p> <p>7 MR. KNUDSEN: Object to form.</p> <p>8 A. I don't know if they would take a dim view, but I</p> <p>9 would certainly say they would want to be made whole regardless</p> <p>10 how water was allocated.</p> <p>11 Q. (BY MR. BRYANT) And are you aware that many of the</p> <p>12 cities in Texas and Mexico down river from Amistad Dam are and</p> <p>13 have been under- -- undergoing substantial growth?</p> <p>14 A. I'm not aware of the level of growth. I'm aware it's</p> <p>15 grown, yes, sir.</p> <p>16 Q. And do you also understand that their demand for</p> <p>17 water is expected to grow significantly over time?</p> <p>18 MR. KNUDSEN: Object to form.</p> <p>19 A. If there's growth, then they'll have to have more</p> <p>20 water, yes, sir.</p> <p>21 Q. (BY MR. BRYANT) And do you know whether or not some</p> <p>22 of those cities expect to have growth in their water needs,</p> <p>23 such that all of the sources of water in the Rio Grande are</p> <p>24 insufficient?</p> <p>25 MR. KNUDSEN: Object to form.</p>

<p>1 A. I'm -- I'm aware that water is in scarcity in many 2 areas across the state, and that most people -- most entities 3 are looking for more, yes, sir.</p> <p>4 Q. (BY MR. BRYANT) And do you know whether the 5 implementation, the suggestions that you make regarding water 6 releases from Amistad could have the effect of depriving 7 citizens of cities in the Rio Grande Valley from getting the 8 water that they need for their everyday activities?</p> <p>9 MR. KNUDSEN: Object to form.</p> <p>10 A. It would depend on the design of the project itself.</p> <p>11 Q. (BY MR. BRYANT) And at this point, you don't have 12 any i- -- idea what that design would be?</p> <p>13 A. I have no design, no, sir.</p> <p>14 Q. Okay. How does the Army Corps of Engineers know what 15 amount of water is in Amistad Reservoir at any given time, if 16 it does?</p> <p>17 A. The reservoir itself is -- is operated and maintained 18 by IBWC, and they have records that if we need to know, we can 19 ask them fairly easily, and readily coordinate with them.</p> <p>20 Q. Are -- are those frequently published or is it 21 required that you make requests?</p> <p>22 A. I believe it's both.</p> <p>23 Q. Okay. What effects would the releases from Amistad 24 Dam and particularly the changes in releases that you suggest 25 in your expert report have on hydroelectric power generation at</p>	<p>90</p> <p>1 U.S. on the one hand, and governments in Mexico on the other?</p> <p>2 A. It is my understanding that IBWC does not grant water 3 rights. They manage the water rights that are already spoken 4 for.</p> <p>5 Q. And who does grant water rights with respect to 6 waters in Amistad Dam or the Rio Grande within the United 7 States?</p> <p>8 A. I'm unsure of who actually grants the water right.</p> <p>9 Q. Are you familiar with a person who has the position 10 of the Water Master with respect to water in the U.S. from the 11 Rio Grande River?</p> <p>12 A. I'm familiar of a Water Master position. I'm not 13 sure of who the Water Master is for the Rio Grande, no.</p> <p>14 Q. And do you know what the Water Master does?</p> <p>15 A. Essentially, balances out and determines needs, 16 priorities and such with the different entities that have a 17 right to the water.</p> <p>18 Q. And so is the person who is the Water Master with 19 respect to United States rights to take water from the Rio 20 Grande a Federal official?</p> <p>21 A. The -- the Water Master is who you're talking about?</p> <p>22 Q. Yes.</p> <p>23 A. I'm not aware of who the Water Master works for for 24 the Rio Grande.</p> <p>25 Q. Does the Water Master grant water rights with respect</p>
<p>91</p> <p>1 Amistad Dam?</p> <p>2 A. Again, you would have to go through what is the 3 design, when are you going to make the releases, and how do you 4 maximize utilization of the water for multiple purposes, rather 5 than just for a singular purpose.</p> <p>6 Q. And so you don't know the answer to that at this 7 time --</p> <p>8 A. At this time, I don't.</p> <p>9 Q. -- because you don't have a design?</p> <p>10 A. Correct. Yes, sir.</p> <p>11 Q. Are there any water rights in existence today to 12 water from the Amistad Reservoir or the Rio Grande River for 13 the purpose of navigation?</p> <p>14 A. Not to my knowledge.</p> <p>15 Q. Have there ever been?</p> <p>16 A. I -- I don't know if that's -- I don't know.</p> <p>17 Q. What governmental body would have to grant such water 18 rights for them to come into existence?</p> <p>19 A. Well, International Boundary and Water Commission is 20 the one operate that maintains those reservoirs for the 21 purposes -- the multiple purposes, so they would have to be the 22 ones involved with determining if that would be an option.</p> <p>23 Q. And does the IBWC grant water rights or does it 24 simply conduct its operations with respect to the dam in 25 accordance with the water rights granted by governments in the</p>	<p>93</p> <p>1 to the U.S. share of waters from the Rio Grande and from 2 Amistad Reservoir?</p> <p>3 MR. KNUDSEN: Object to form.</p> <p>4 A. I'm familiar more with the Water Master on the, like, 5 for instance, Brazos River Basin, and the roles that they play. 6 I do not know, because this is international boundary, if that 7 Water Master enjoys the same rights or if that's different. So 8 I -- I have no basis to answer.</p> <p>9 Q. (BY MR. BRYANT) Your report refers to water supply 10 contracts from Army Corps of Engineer reservoirs to supply 11 water.</p> <p>12 Is it necessary for a party who receives water 13 pursuant to such contracts to have water rights to receive that 14 water?</p> <p>15 A. Yes, sir.</p> <p>16 Q. Are those water rights either granted by or approved 17 by the Texas Council on Environmental Quality?</p> <p>18 A. That's my understanding, yes, sir.</p> <p>19 Q. I think you mentioned earlier in your testimony that 20 there are problems to navigation associated with both too 21 little and too much water in the 275 to 610 stretch of the Rio 22 Grande River; is that right?</p> <p>23 MR. KNUDSEN: Object to form.</p> <p>24 A. I believe I was referring to that the potential could 25 exist for either, yes.</p>

<p>1 Q. (BY MR. BRYANT) And as envisioned in your expert 2 report, would the Army Corps of Engineers have any ability to 3 monitor the Rio Grande River in the 275 to 610 stretch to 4 determine what water levels are not too little and not too 5 much, but just right, for that entire 335-mile stretch?</p> <p>6 A. Are you asking can we do that if we needed to? Yes. 7 Can we do that today? I do not believe that we have the -- 8 the -- the river gate system, as it sits today, but that would 9 be part of the design that I've described so far.</p> <p>10 Q. So part of the design that does not exist, but would 11 be required in order to implement the proposed improvements, 12 would be a system of gauging the depths of the river at -- at 13 points between 275.5 and 610?</p> <p>14 MR. KNUDSEN: Object to form.</p> <p>15 A. Not necessarily the depths, but the flow rates at 16 different gauging stations, if that's what was part of the 17 design.</p> <p>18 Q. (BY MR. BRYANT) Do you have any estimates as to what 19 such a gauging system would cost?</p> <p>20 A. As -- I don't. I don't have any -- I don't have an 21 estimate.</p> <p>22 Q. Do you have any idea as to how many gauging stations 23 in that 335-mile stretch of the Rio Grande River would be 24 required?</p> <p>25 A. That would depend on the ultimate design.</p>	<p>94</p> <p>1 significantly variable, such that it just wouldn't be possible?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. There -- there is limited water available in any 4 river- -- rivering system, and that is a factor when you're 5 developing the design, so...</p> <p>6 Q. (BY MR. BRYANT) So, for example, if the President of 7 the United States and Congress said, "We want you to create 8 channels in the Rio Grande that would handle the same vessels 9 that the Mississippi River now handles," would that run up 10 against the fact that there's just not enough water to do that?</p> <p>11 MR. KNUDSEN: Object to form.</p> <p>12 A. Again, it would depend -- at this stage of the game 13 without any additional water supply sources, it would be 14 difficult. No -- no doubt about that. But again, a design for 15 a navigation system can include all kinds of different things, 16 including additional reservoirs, pump back systems, just all 17 kinds of different opportunities. I'm not an engineer, so I 18 can't speak to exactly how those -- you know, the -- I know the 19 of them. As far as the reasonableness as you've described, I 20 don't know.</p> <p>21 Q. (BY MR. BRYANT) Would you agree that it's impossible 22 for the -- any design and any engineers to put as much water in 23 the Rio Grande River as there now is in the Mississippi River?</p> <p>24 MR. KNUDSEN: Object to form.</p> <p>25 A. Based on climate itself, the amount of rainfall does</p>
<p>95</p> <p>1 Q. So you have no idea at this point?</p> <p>2 A. I don't know. Not without a design, I do not.</p> <p>3 Q. And would there also need to be a system to monitor 4 the depth of the river in that stretch at various points or 5 would it only be the water flow?</p> <p>6 A. You would have to have some mechanisms to determine 7 depths, yes.</p> <p>8 Q. And do you have any estimate of the cost of such a 9 depth monitoring system?</p> <p>10 A. No, I do not.</p> <p>11 Q. Do you have any idea as to how many points at which 12 monitors to determine the depth would be required in the 13 335-mile stretch?</p> <p>14 A. No.</p> <p>15 Q. Would all of the reasonable improvements put together 16 that you envision in the -- in your expert report permit the 17 navigation of the Rio Grande by significantly larger vessels 18 than Class A or Class 1 vessels?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. If we were provided that scope to design and 21 construct, yes.</p> <p>22 Q. (BY MR. BRYANT) Is there a point at which designs of 23 systems to accommodate commercial vehicles in the Rio Grande 24 would come up against the fact that the total water in the Rio 25 Grande Valley or in the Rio Grande Basin is both limited and</p>	<p>95</p> <p>1 not equal on the Ri- -- on the -- for the Rio Grande as it does 2 over there, so I -- that's about the best I can answer.</p> <p>3 Q. (BY MR. BRYANT) Do you have any information as to 4 how much revenue is currently derived from commercial 5 navigation on the 275 to 610 stretch of the Rio Grande River?</p> <p>6 A. I have no information on that.</p> <p>7 Q. Okay. Do you know of any convenient source of such 8 information?</p> <p>9 MR. KNUDSEN: Object to form.</p> <p>10 A. Again, the only thing that I've looked up was simple 11 searches that discussed people's activities -- commercial 12 activities associated with the river.</p> <p>13 Q. (BY MR. BRYANT) And none of those involved up or 14 down river commerce in -- in goods or trade; is that right?</p> <p>15 MR. KNUDSEN: Object to form.</p> <p>16 A. It -- it involved ecotourism on the river itself both 17 up and down. It involved those kind of activities.</p> <p>18 Q. (BY MR. BRYANT) And none others?</p> <p>19 A. Not that I saw, no, sir.</p> <p>20 Q. Okay. Let's look at what's been marked as Exhibit 4. 21 (MacAllister Exhibit 4 was marked.)</p> <p>22 Q. (BY MR. BRYANT) Mr. MacAllister, this is a document 23 that was marked as Exhibit 5 to a recent deposition of Adrian 24 Cortez. And you're familiar with Mr. Cortez as an IBC- -- WC 25 employee?</p>

<p>1 A. Yes, sir.</p> <p>2 Q. Do you know him personally?</p> <p>3 A. I've never met him.</p> <p>4 Q. Okay. This is a Table of River Mileages that begins</p> <p>5 with 0.00 at the Gulf of Mexico, and ends in the general</p> <p>6 vicinity of El Paso at River Mile 1253.96.</p> <p>7 Do you see that?</p> <p>8 A. Yes, sir.</p> <p>9 MR. KNUDSEN: Object to form.</p> <p>10 THE WITNESS: Oh, sorry.</p> <p>11 Q. (BY MR. BRYANT) Have you seen this document before?</p> <p>12 A. I have not reviewed this document, no.</p> <p>13 Q. Okay. And the main reason I bring it up is, aside</p> <p>14 from setting forth the river miles of various points on the</p> <p>15 river, it doesn't seem to me to correspond with the Army Corps</p> <p>16 of Engineers numbering of river miles. We've been talking</p> <p>17 about 275 to 610, and that's the -- those are the numbers taken</p> <p>18 from the 1975 Navigability Study.</p> <p>19 But could you examine Exhibit 4 and tell me</p> <p>20 whether the river miles listed here are consistent with the</p> <p>21 river miles as calibrated by the Army Corps of Engineers in the</p> <p>22 1975 Navigability Study?</p> <p>23 MR. KNUDSEN: Objection to form.</p> <p>24 A. I -- I would have to have more time than this and</p> <p>25 more resources than this to try to see if there's something</p>	<p>98</p> <p>1 (MacAllister Exhibit 5 was marked.)</p> <p>2 Q. (BY MR. BRYANT) Have you seen that Exhibit 5 before?</p> <p>3 A. I have not reviewed this, no.</p> <p>4 Q. Okay. This is the First Amended Complaint filed in</p> <p>5 this action by the United States of America.</p> <p>6 Could you take a look at Paragraph 24 on Page 6</p> <p>7 of Exhibit 5?</p> <p>8 A. Okay.</p> <p>9 Q. In that paragraph, the United States alleges that</p> <p>10 Texas or people acting on their behalf in July of 2023 placed a</p> <p>11 floating barrier in the Rio Grande approximately two miles</p> <p>12 south of the Camino Real International Bridge, Eagle Pass,</p> <p>13 Texas. I think earlier in your testimony you thought it was</p> <p>14 just a few hundred feet.</p> <p>15 Do you have any explanation as to whether you</p> <p>16 think now it was two miles or whether you think that this</p> <p>17 allegation's incorrect?</p> <p>18 MR. KNUDSEN: Object to form.</p> <p>19 A. I have no idea really where you're going with that</p> <p>20 one, other than to say, when I -- when I answered you earlier,</p> <p>21 I told you I wasn't real sure. I wasn't there to compare</p> <p>22 distances between bridges and the buoys in there.</p> <p>23 Q. (BY MR. BRYANT) Okay. Let's look at Attachment 1 to</p> <p>24 Exhibit 5, which is at the end of the numbered pages just after</p> <p>25 Page 12.</p>
<p>99</p> <p>1 different. As far as the Corps of Engineers, the 1975 document</p> <p>2 is what I've referenced.</p> <p>3 Q. (BY MR. BRYANT) Yeah.</p> <p>4 A. That's going to be done by hand, and as far as any</p> <p>5 new -- I'm not sure how they've calculated these, so I</p> <p>6 really -- I can't make that assumption right now. I can't -- I</p> <p>7 can't tell you -- I can't provide you a -- an answer to what</p> <p>8 you're asking me right now.</p> <p>9 Q. Okay. If you look at the second page of Exhibit 4,</p> <p>10 it states that the "Distances along the Rio Grande taken from</p> <p>11 the International Boundary maps approved by the commission in</p> <p>12 Minute Number 253, September 23, 1976."</p> <p>13 A. Where -- oh, got ya.</p> <p>14 Q. Is the beginning of the Fort Worth District's of the</p> <p>15 Corps of Engineers farthest downstream at the county line</p> <p>16 between Zapata and Webb County?</p> <p>17 MR. KNUDSEN: Objection to form.</p> <p>18 Q. (BY MR. BRYANT) Or do you know what point it is?</p> <p>19 A. It's the -- it's the area -- it's -- it's stated in</p> <p>20 the 1975 report, and that corresponds with the 2011</p> <p>21 determination, and that's the numbers -- those are the river</p> <p>22 miles that I've used.</p> <p>23 Q. Okay. Well, we'll get to that, and maybe we can</p> <p>24 pinpoint it further.</p> <p>25 Would you take a look at Exhibit 5?</p>	<p>101</p> <p>1 A. Okay.</p> <p>2 Q. Okay. Is this the December 20, 2011, list that you</p> <p>3 referred to earlier in your testimony?</p> <p>4 A. Yes.</p> <p>5 Q. Now, midway or probably 80 percent of the way through</p> <p>6 the first paragraph, it states, quote, Navigable waters in the</p> <p>7 Galveston District are determined on a case-by-case basis and,</p> <p>8 therefore, are not included in this list, unquote.</p> <p>9 Do you know if that's still accurate?</p> <p>10 A. I don't know about those.</p> <p>11 Q. Do you have any idea why the Corps of Engineers makes</p> <p>12 a general determination of navigability for all of the rivers</p> <p>13 listed, but not for navigable waters in the Galveston District?</p> <p>14 A. I have no idea.</p> <p>15 Q. Okay. And this list states that as to the Rio</p> <p>16 Grande, quote, From the Zapata-Webb county line upstream to the</p> <p>17 point of intersection with the Texas-New Mexico state line and</p> <p>18 Mexico.</p> <p>19 So is it the position of the Army Corps of</p> <p>20 Engineers according to this document that every bit of the Red</p> <p>21 River -- I'm sorry -- the Rio Grande River from the Zapata-Webb</p> <p>22 county line upstream to the Texas-New Mexico state line near</p> <p>23 El Paso is a navigable water of the United States?</p> <p>24 MR. KNUDSEN: Objection to form.</p> <p>25 A. As per this document, yes, sir.</p>

<p>1 Q. (BY MR. BRYANT) And is that still the position of 2 the Army Corps of Engineers today? 3 MR. KNUDSEN: Object to form. 4 A. As far as I'm aware, yes, sir. 5 Q. (BY MR. BRYANT) And do you know of any basis for 6 that determination other than the 1975 Navigability Study? 7 MR. KNUDSEN: Object to form. 8 A. The '75 study references that it was deemed navigable 9 before between the United States and Mexico. To what degree 10 and how they've determined that? I'm not sure. In 1975, they 11 utilized the -- those -- that piece -- those pieces of 12 information to reaffirm that it's still declared navigable. 13 Q. (BY MR. BRYANT) Okay. 14 A. That -- that's all I have. 15 Q. All right. So you're not aware of any evidence of 16 navigability that is not set forth in the 1975 Navigability 17 Study? 18 MR. KNUDSEN: Object to form. 19 A. Yeah. 20 Q. (BY MR. BRYANT) As to the Rio Grande? 21 A. Yeah. I -- I'm not in regulatory. I'm -- I go by 22 the information provided to me, like I said earlier. 23 Q. I understand. 24 But I -- 25 A. Yeah. I mean, I'm not aware of anything other than</p>	<p>102</p> <p>1 bo- -- boats and smaller. 2 Q. That's what -- that's the way it's fair to describe 3 Class A and Class 1 boats? 4 A. For this -- for the intent of this report that I 5 made, yes, sir. 6 Q. Okay. And B says, "If improved," quote, Improvement 7 of the Rio Grande for navigation is physically possible. 8 Storage in the Falcon and Amistad Reservoirs would have to be 9 judiciously used to provide sufficient flow for continuous 10 navigation. Since navigation has fifth priority under existing 11 treaties, there's little likelihood of change. 12 Do you disagree with anything in those 13 statements that I just read? 14 MR. KNUDSEN: Object to form. 15 A. I don't disagree that it's written there. I mean, I 16 don't know -- I mean, it's -- it's a document that was just 17 stating the -- the conditions and if you improved it, what you 18 would have to do. 19 Q. (BY MR. BRYANT) Are you saying that you have nothing 20 you disagree with or that you just have no opinion of that? 21 A. I have no further opinion of that. 22 Q. No further opinion beyond what? 23 A. I have no further opinion of what it states. 24 Q. Okay. 25 A. To me -- it's a statement of fact to me.</p>
<p>103</p> <p>1 those -- 2 Q. I understand it's not your job, but you might know 3 things that are not your job. 4 A. Right. No, I'm just saying, I don't have any other 5 information other than that. 6 Q. Okay. Then let's look at Exhibit 6. 7 (MacAllister Exhibit 6 was marked.) 8 Q. (BY MR. BRYANT) Can you identify Exhibit 6, which is 9 also Cortez Exhibit 6? 10 A. Oh, yes, sir. Oh, that's where I got confused. I 11 was looking at 5. Anyway, sorry about that. 12 Q. And my question was whether you can identify 13 Exhibit 6? 14 A. Oh, yes, sir. Yes. 15 Q. What is it? 16 A. This is the Navigability Study from 1975 that I've 17 referenced. 18 Q. Okay. Could you please look at Page 6 entitled, 19 there's Paragraph Number 7 on Page 6 entitled "Potential use 20 for interstate commerce." And A says, "If in natural 21 condition: The Rio Grande can be navigated during periods of 22 sufficient flow only by fishing boats and other shallow draft 23 craft." 24 Was that -- is that statement still true today? 25 A. That's, essentially, what I'm stating with Class 1</p>	<p>105</p> <p>1 Q. Do you agree that there's, today, little likelihood 2 of change of the priorities of the use of water for navigation? 3 MR. KNUDSEN: Object to form. 4 A. Yeah. I have no basis to judge that, sir. 5 Q. (BY MR. BRYANT) Next statement in that paragraph 6 says, quote, The area is adequately served by other 7 transportation modes, thus making economic justification appear 8 doubtful. 9 Do you take any issue with that? 10 A. I don't. 11 MR. KNUDSEN: Object to form. 12 A. The -- I continue to go back to, if incremental 13 improvements could be made, was where I was going with this, 14 and the assumptions I was given was that these kind of things 15 had been worked out to assume those things, so that's why the 16 report was created and crafted the way -- in the manner it is. 17 Q. (BY MR. BRYANT) Okay. 18 A. It's not my job, sir, quite frankly, to -- to figure 19 out whether or not Mexico and the United States or Texas would 20 agree to -- to the wa- -- how -- how they use the water. 21 That's -- 22 Q. Well, I understood that was part of your assumptions. 23 But do you have any -- this -- this is stating the view of the 24 Army Corps of Engineers that the area around the Rio Grande is 25 adequately served by other transportation modes, such as</p>

<p>1 highways and railroads. And as a result, economic 2 justification for improvements of the Rio Grande appears 3 doubtful.</p> <p>4 Do you agree with that?</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. If he wrote it in 1975, at that point in time, I'm 7 sure that was the way it was at that time.</p> <p>8 Q. (BY MR. BRYANT) Okay.</p> <p>9 A. I don't have enough information at this point in time 10 to provide any type of a agreement that that's still the same 11 or not.</p> <p>12 Q. Okay. You don't have any knowledge about the current 13 economic situation with respect to transportation of commerce 14 on the Rio Grande River --</p> <p>15 MR. KNUDSEN: Object to form. Sorry.</p> <p>16 Q. (BY MR. BRYANT) -- whether it's competitive with 17 highways or rails?</p> <p>18 MR. KNUDSEN: Object to form.</p> <p>19 A. I've never seen -- I've never seen anything to -- to 20 tell me would it -- if it would be or not.</p> <p>21 Q. (BY MR. BRYANT) The Army Corps of Engineers in the 22 1975 study in the same paragraph then states, quote, There 23 would be serious ecological ob- -- objections to any 24 channelization, unquote.</p> <p>25 Do you agree with that?</p>	<p>106</p> <p>1 A. Yes, sir.</p> <p>2 Q. Are you there?</p> <p>3 A. Yes, sir.</p> <p>4 Q. Okay. It says under the heading of "Present Use," 5 quote, At present, there is no commercial activity occurring 6 within the study area, which would qualify as substantial items 7 of commerce.</p> <p>8 Do you have any agreement or disagreement with 9 that statement as of 1975?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. It's a statement written by -- in the study, and I 12 assume it to be accurate.</p> <p>13 Q. (BY MR. BRYANT) Okay. Is that also correct today?</p> <p>14 MR. KNUDSEN: Object to form.</p> <p>15 A. I -- as I said earlier, as far as the type of 16 commercial activity or anything like that going on in the 17 river, I did not do any studies to -- to -- other than the -- 18 the quick internet search.</p> <p>19 Q. (BY MR. BRYANT) So do you have no opinion as to 20 whether that statement is still accurate today?</p> <p>21 MR. KNUDSEN: Object to form.</p> <p>22 A. It appears that in 1975 and today, that's probably 23 accurate. To what degree, if there's any changes to -- to 24 those -- those main activities, I'm not sure.</p> <p>25 Q. (BY MR. BRYANT) Okay. And let's look at the third</p>
<p>107</p> <p>1 MR. KNUDSEN: Object to form.</p> <p>2 A. When I spoke about the NEPA process earlier, any of 3 those ob- -- objections that could arise would be dealt with 4 under that process. If there's any, then you look at them, and 5 determine whether or not they're something you can overcome or 6 not.</p> <p>7 Q. (BY MR. BRYANT) Okay. And you have no opinion as to 8 whether or not any objections could be overcome?</p> <p>9 A. Again, I was given the assumptions that it was, and I 10 did not think about that one as far as, like -- I was just 11 using the assumption that all clearances were -- were provided.</p> <p>12 Q. And you still haven't formed any judgment as to 13 whether there would be serious ecological objections to any of 14 the reasonable improvements that you suggest in your expert 15 report?</p> <p>16 MR. KNUDSEN: Object to form.</p> <p>17 A. With -- with the assumptions that I was provided, my 18 conclusions are that those were, if there were any, they would 19 have been overcome.</p> <p>20 Q. (BY MR. BRYANT) Okay. But you took that as a given, 21 you didn't think about whether you agree with that yourself, 22 right?</p> <p>23 A. That's correct. Yes, sir.</p> <p>24 Q. Okay. Okay. Let's look back at Page 14 of the 1975 25 study, which is Exhibit 6 to your deposition.</p>	<p>109</p> <p>1 paragraph on Page 14. It says, quote, In reviewing the several 2 cases on recreational craft as the sole ingredient of 3 navigation, it appears that the Rio Grande River within the 4 study area does not meet the present-use test as laid down in 5 the Rochester case, <i>supra</i>.</p> <p>6 Do you have any disagreement with that statement 7 as of 1975?</p> <p>8 MR. KNUDSEN: Object to form.</p> <p>9 A. I assume that that's an accurate statement as per 10 1975, and I have not reviewed the Rochester case.</p> <p>11 Q. (BY MR. BRYANT) Okay. And do you have any reason to 12 believe it's not an accurate statement today?</p> <p>13 MR. KNUDSEN: Object to form.</p> <p>14 A. I -- I've not reviewed the Rochester case, so I'm not 15 sure of all of the information that that would contain.</p> <p>16 Q. (BY MR. BRYANT) So you don't have an opinion on 17 that -- on that matter at this point without going and 18 reviewing some cases?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. Well, I mean, the -- the whole paragraph is 21 predicated on whatever the Rochester case contains, so if I 22 don't -- if I'm not familiar with the Rochester case, I don't 23 feel comfortable saying "yes" or "no."</p> <p>24 Q. (BY MR. BRYANT) Okay. I'm just -- and I'm not 25 arguing with you.</p>

1 A. Right. 2 Q. I'm just asking you to confirm that at this point, 3 you don't have an opinion without doing some more work or some 4 reading? 5 MR. KNUDSEN: Object to form. 6 A. I would say that that's accurate, yes. 7 Q. (BY MR. BRYANT) Okay. Now, under C, "Future Use," 8 the Corps in 1975 said, quote, There are no authorized plans to 9 improve the Rio Grande River for navigation in the area of 10 study. 11 So far as you know, was that correct in 1975? 12 MR. KNUDSEN: Object to form. 13 A. As far as I'm aware, yes, sir. 14 Q. (BY MR. BRYANT) And is that correct today? 15 MR. KNUDSEN: Object to form. 16 A. As far as I'm aware. 17 Q. (BY MR. BRYANT) And is it also correct that there 18 are no known plans or proposals or designs at this point for 19 any improvements in the Rio Grande River for navigation in the 20 275 to 610 area? 21 A. I'm not aware of any. 22 Q. Okay. Now, in the questions that I've asked, I have 23 used a term that's used in the 1975 study, which is the "study 24 area." 25 Do you have an understanding that that is the	110 1 United States and Mexico. 2 Do you see that? 3 A. Yes, sir. 4 Q. I think we may have covered this, but are you -- have 5 you ever read any of those treaties? 6 A. Just excerpts. 7 Q. Okay. And do you know whether any of those treaties 8 that are still in effect require the United States to do 9 anything in particular with respect to navigation of the Rio 10 Grande River? 11 A. I'm not aware. I have not read anything about that, 12 no, sir. 13 Q. Okay. Let's take a look at Exhibit 8. 14 THE WITNESS: Oh, okay. I was like... 15 (MacAllister Exhibit 8 was marked.) 16 Q. (BY MR. BRYANT) This is selection of Federal 17 regulations regarding the definition of "Navigable Waters of 18 U.S." 19 Have you seen these before? 20 A. Not in its entirety, no. I probably have read 21 excerpts. 22 Q. Okay. Have -- have you used any part of the 23 regulations in Exhibit 8 in your work in the last 29 years in 24 the Fort Worth District? 25 A. Only as far as -- and I would have to review this in
1 275 to 610 stretch of the Rio Grande River that is covered by 2 the Fort Worth District? 3 MR. KNUDSEN: Object to form. 4 A. That's my understanding, yes. 5 Q. (BY MR. BRYANT) Do you have any knowledge as to 6 whether historically there was any commercial navigation of the 7 Rio Grande River between 275 and 610, talking about before 8 1975? 9 MR. KNUDSEN: Object to form. 10 A. The only references to navigation that I'm aware of 11 are contained inside this report. 12 Q. (BY MR. BRYANT) You don't have any independent 13 knowledge on that subject? 14 A. I do not, no, sir. 15 Q. Okay. Let's look briefly at Exhibit 7. 16 (MacAllister Exhibit 7 was marked.) 17 Q. (BY MR. BRYANT) Have you seen Exhibit 7 or parts of 18 it before? 19 A. Yes. This appears to be information contained on 20 their website. 21 Q. Okay. And is that a website that you've reviewed? 22 A. I -- I have -- yes, I've looked around on their 23 website, yes, sir. 24 Q. Okay. On the third page of Exhibit 7, there is a 25 discussion of the boundary and water treaties between the	111 113 1 its entirety, but I will -- I guess I'll qualify it by saying, 2 for the portions that are deemed navigable on my projects, then 3 this would apply, yes. But as far as reviewing this and 4 knowing this by heart, no, I do not know. 5 Q. Okay. And you don't have occasion to refer to 6 Exhibit 8 in your work. You -- as you described earlier, when 7 you're advised that particular waters are navigable, you take 8 them as navigable? 9 A. Yes, sir. That's correct. 10 Q. And you don't go back and try to analyze -- 11 A. Correct. 12 Q. -- whether any particular waters within the Fort 13 Worth District are or are not navigable under the law? 14 A. Correct. Yes, sir. 15 Q. Okay. Let's take a look at Exhibit 9. 16 (MacAllister Exhibit 9 was marked.) 17 Q. (BY MR. BRYANT) Please take whatever time you need 18 to just look and tell me whether you recall having seen Exhibit 19 9 before or any part of it. 20 A. I mean, just right off the bat, no, sir, I don't -- I 21 don't believe that I've reviewed this. No, sir. I'm -- I'm 22 pretty confident I've not reviewed this before. 23 Q. Okay. This is a Report of the American Section of 24 the International Water Commission that was accompanied by a 25 message from the president of the United States, and submitted

<p>1 to Congress in 1930. Let's look at Page 12.</p> <p>2 A. Yes, sir.</p> <p>3 Q. You see the portion of the document down towards the</p> <p>4 bottom that is headed "Rio Grande"?</p> <p>5 A. Yes, sir.</p> <p>6 Q. It states, quote, With respect to the Rio Grande, the</p> <p>7 treaties provide that the navigation of the actually navigable</p> <p>8 main channels of the river is made free and common to the</p> <p>9 citizens of both country and neither country may, without the</p> <p>10 consent of the other, construct any work that may impede or</p> <p>11 interrupt the navigation.</p> <p>12 Do you have any knowledge as to whether the</p> <p>13 treaties still provide to that effect today?</p> <p>14 MR. KNUDSEN: Object to form.</p> <p>15 A. Yeah. I -- I have not reviewed that, so I don't</p> <p>16 know.</p> <p>17 Q. (BY MR. BRYANT) Okay. The next sentence says,</p> <p>18 quote, There's never been any practical navigation on the 1,044</p> <p>19 miles of river from El Paso to Roma, unquote.</p> <p>20 Do you know where Roma, Texas, is?</p> <p>21 A. Not right off, no, sir.</p> <p>22 Q. Okay. Do you know that it is substantially</p> <p>23 downstream of the 275 mark on the Rio Grande River?</p> <p>24 MR. KNUDSEN: Object to form.</p> <p>25 A. Okay. I'll take your word for it.</p>	<p>114</p> <p>1 A. I have no basis to make that determination.</p> <p>2 Q. (BY MR. BRYANT) Okay. You just have -- have no</p> <p>3 opinion on that subject?</p> <p>4 A. I have no opinion, yes, sir.</p> <p>5 Q. Okay. The next statement is, quote, It is therefore</p> <p>6 apparent that the conditions which form the basis of the</p> <p>7 agreement in the old treaties concerning navigation of the Rio</p> <p>8 Grande and Colorado Rivers have so completely changed that the</p> <p>9 spirit is dead, if not the letter, of those parts of the</p> <p>10 treaties which deal with navigation.</p> <p>11 Do you have any knowledge or opinion as to</p> <p>12 whether that's still correct today?</p> <p>13 MR. KNUDSEN: Object to form.</p> <p>14 A. I have no -- I have no opinion on it.</p> <p>15 Q. (BY MR. BRYANT) Okay. Let's take a look at</p> <p>16 Exhibit 10.</p> <p>17 (MacAllister Exhibit 10 was marked.)</p> <p>18 Q. (BY MR. BRYANT) I'd like for you to take a look at</p> <p>19 Exhibit 10, and tell me if you can identify it.</p> <p>20 A. It is a news story of the Corps that says "Army Corps</p> <p>21 of Engineers sets priorities for inland waterways projects."</p> <p>22 Q. And when was this story written?</p> <p>23 A. It is dated May 22nd of 2024.</p> <p>24 Q. And does it set -- does it describe what is referred</p> <p>25 to as the, Corps of Engineers work plan, unquote?</p>
<p>115</p> <p>1 Q. (BY MR. BRYANT) Okay. You know it's not in the Fort</p> <p>2 Worth District?</p> <p>3 A. I'm not --</p> <p>4 Q. A portion; is that right?</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. If it's below 275, that's my understanding, it would</p> <p>7 not be within my district.</p> <p>8 Q. (BY MR. BRYANT) Okay. And even aside from taking my</p> <p>9 word for it, you never heard of Roma being in the Fort Worth</p> <p>10 District?</p> <p>11 A. No, sir.</p> <p>12 Q. Okay. Is it correct -- would you take issue with the</p> <p>13 statement of the International Water Commission to Congress</p> <p>14 that, quote, There's never been any practical navigation on the</p> <p>15 1,044 miles of river from El Paso to Roma as of the time they</p> <p>16 made it in 1930?</p> <p>17 MR. KNUDSEN: Object to form.</p> <p>18 A. Yeah. I -- I would assume that's so.</p> <p>19 Q. (BY MR. BRYANT) And looking on the next page on the</p> <p>20 second full paragraph, it states, As these developments have</p> <p>21 gone forward, well-established highways and railroads have been</p> <p>22 built, thus rendering navigation on the Rio Grande unnecessary,</p> <p>23 unquote.</p> <p>24 Is that still true today?</p> <p>25 MR. KNUDSEN: Object to form.</p>	<p>115</p> <p>1 A. In the first sentence, yes, sir, it does.</p> <p>2 Q. And that sets forth the agency's priorities for</p> <p>3 spending its budget across numerous projects and studies in 50</p> <p>4 states and territories in the District of Columbia for the</p> <p>5 upcoming year.</p> <p>6 Is there -- are there any of those plans and</p> <p>7 expenditures that involved the Rio Grande River?</p> <p>8 MR. KNUDSEN: Object to form.</p> <p>9 A. I have no way to form an opinion on that.</p> <p>10 Q. (BY MR. BRYANT) Well, do you see any mention of</p> <p>11 anything regarding the Rio Grande River or the Fort Worth</p> <p>12 District in the article?</p> <p>13 MR. KNUDSEN: Object to form.</p> <p>14 A. Well, the article is written -- appears to be written</p> <p>15 by somebody not inside the Corps of Engineers, and I don't know</p> <p>16 what the context of the article was, if it was associated with</p> <p>17 anything else, and it appears to be discussing a few projects</p> <p>18 in the middle of the first page that are not in the Corps of</p> <p>19 Engineer- -- not in the Fort Worth District. So I don't -- I</p> <p>20 don't know. I'm not aware of any projects under the work plan.</p> <p>21 Q. (BY MR. BRYANT) Okay.</p> <p>22 A. However, I would not necessarily be made aware if</p> <p>23 there were any projects under the work plan.</p> <p>24 Q. Would you expect to be made aware of them if they</p> <p>25 were in the Fort Worth District?</p>

<p>1 A. If it was at the -- at the time, like I said earlier 2 this morning, if -- from the civil works chief standpoint, they 3 would be aware if there was. At some point, if there was a 4 project that was going to be operated and maintained by the 5 Corps of Engineers, then certainly, I would be made aware of 6 it.</p> <p>7 Q. Okay. Are you aware of any plans or proposals that 8 may be submitted to Army Corps of Engineers headquarters for 9 improvements to the Rio Grande River?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. I am not aware.</p> <p>12 Q. (BY MR. BRYANT) Okay. Now, we mentioned earlier 13 that you have a bachelor's degree in range management, so --</p> <p>14 A. Yes, sir.</p> <p>15 Q. -- I assume from that, you know something about the 16 ranching business?</p> <p>17 A. I used to.</p> <p>18 Q. Would that be a fair assumption or a bad assumption?</p> <p>19 A. It's -- I would say it's not as fair as it used to 20 be, but yes. A little bit, yes, sir.</p> <p>21 Q. Now, if you were a rancher operating near Eagle Pass 22 and you wanted to ship cattle to Laredo or Nuevo Laredo, would 23 you regard it as practical to ship them down the Rio Grande in 24 a boat in Class A or Class 1?</p> <p>25 MR. KNUDSEN: Object to form.</p>	<p>120</p> <p>1 would not.</p> <p>2 Q. Okay. And would you agree that it would be faster to 3 send your cattle to Nuevo Laredo by rail or truck as compared 4 to by boat down the Rio Grande?</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. At this point in time, yes, sir. I apologize.</p> <p>7 Getting all choked up about cows.</p> <p>8 Q. (BY MR. BRYANT) If you need to take a break --</p> <p>9 A. No, I just inhaled at the wrong time.</p> <p>10 Q. -- please do, because I've been coughing a lot too.</p> <p>11 And would you agree that it'd be safer for the 12 cattle to send them by rail or truck then on a small boat down 13 the Rio Grande in its current state?</p> <p>14 MR. KNUDSEN: Object to form.</p> <p>15 A. That would be accurate, yes, sir.</p> <p>16 Q. (BY MR. BRYANT) And would you agree that it would -- 17 that it would -- strike that.</p> <p>18 Would you agree that shipment on the Rio Grande 19 on a Class A or Class 1 vessel as the Rio Grande now stands 20 would be the slowest, most dangerous, and most expensive 21 alternative for getting those cattle from Eagle Pass to Nuevo 22 Laredo?</p> <p>23 MR. KNUDSEN: Objection to form.</p> <p>24 A. It would be extremely difficult, yes, sir.</p> <p>25 Q. (BY MR. BRYANT) Now, even if all the reasonable</p>
<p>1 A. In those vessels, no, sir.</p> <p>2 Q. (BY MR. BRYANT) Okay. Would you consider it 3 practical to ship them down the Rio Grande in any other vessel 4 that's not in Class A or Class 1?</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. Only if a substantial project had been undertaken and 7 substantial-sized vessels could be utilized.</p> <p>8 Q. (BY MR. BRYANT) Okay. But not in -- you would not 9 ship them down the river in the Rio Grande in its current 10 natural state?</p> <p>11 MR. KNUDSEN: Object to form.</p> <p>12 A. Correct. It's impractical at this point, yes.</p> <p>13 Q. (BY MR. BRYANT) Okay. And it would -- would you 14 agree that it would be impractical and uneconomical as compared 15 to sending your cattle to Nuevo Laredo by truck on a highway?</p> <p>16 MR. KNUDSEN: Object to the form.</p> <p>17 A. It's either going -- it's going -- there's going to 18 be a -- the best economic opportunity would be sought, yes, 19 sir. I'll put it that way. It could be rail, it could be 20 whatever it might be.</p> <p>21 Q. (BY MR. BRYANT) It could be rail or it could be 22 truck, but it wouldn't be --</p> <p>23 A. In the current state of the river --</p> <p>24 Q. -- up and down the --</p> <p>25 A. In the current state of the Rio Grande, no, sir, it</p>	<p>119</p> <p>121</p> <p>1 improvements that you envision in your expert report were 2 accomplished, would you expect that it would still be more 3 practical to -- to ship cattle or other commodities from Eagle 4 Pass to Nuevo Laredo via truck or rail as compared with a 5 vessel going down the Rio Grande?</p> <p>6 MR. KNUDSEN: Object to form.</p> <p>7 A. There's a lot of variables in- -- included in with 8 what your -- your scenario is. And whereas I understand that 9 you're using Laredo as the approximate 275-mile marker, if you 10 were going to utilize something to ship all the way down, you 11 would not just stop there. You would continue to go. So in 12 order to -- to determine whether you would or would not, you 13 would have to have an appropriate design constructed project, 14 and then you would want to use the most economic way you could.</p> <p>15 Q. (BY MR. BRYANT) Okay. And can you envision a 16 situation if the improvements that you suggest in your report 17 were accomplished, where it would be preferable to send cattle 18 or commodities from Eagle Pass down river to Laredo or beyond 19 as compared with alternative means of transportation?</p> <p>20 MR. KNUDSEN: Objection to form.</p> <p>21 A. At that point, it would depend on what's going on 22 in- -- inside the market for all kinds of different variables 23 that would be very difficult to make the statement right now.</p> <p>24 If -- if -- because we're -- my assumption is, I mean, you did 25 state, correct, that this was assuming the project was built</p>

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<p>1 as --</p> <p>2 Q. (BY MR. BRYANT) Assuming the improvements in your</p> <p>3 report were accomplished.</p> <p>4 A. So yes, if we had a project built to the level that</p> <p>5 could sustain that type of activity, then the other variables</p> <p>6 that you would have to then, you know, take a look at is, what</p> <p>7 are the shipping costs in different ways.</p> <p>8 Q. Okay. Now, even if you accomplished all of the</p> <p>9 improvements that are envisioned in your report, you still</p> <p>10 don't have a way to get cattle or other commodities past Falcon</p> <p>11 Dam on the Rio Grande River, do you?</p> <p>12 MR. KNUDSEN: Object to form.</p> <p>13 A. In order to do that, you would have to install a</p> <p>14 lock.</p> <p>15 Q. (BY MR. BRYANT) And that's not something that you're</p> <p>16 suggesting in your expert report, is it?</p> <p>17 A. For what -- for what my report was, no.</p> <p>18 Q. Okay. So that's actually why I picked Laredo, so we</p> <p>19 wouldn't have to --</p> <p>20 A. Understood. Understood.</p> <p>21 Q. -- to deal with the -- with Falcon Dam.</p> <p>22 But your report does not suggest or does not</p> <p>23 state any particular level of improvement, so --</p> <p>24 A. That's correct.</p> <p>25 Q. -- there are -- isn't it possible that there are</p>	<p>1 A. Yeah. I have -- I have no basis to form an opinion</p> <p>2 on that.</p> <p>3 Q. (BY MR. BRYANT) Okay. Is there currently</p> <p>4 international criminal activity by cartels on and near the 275</p> <p>5 to 610 stretch of the Rio Grande River in the Fort Worth</p> <p>6 District?</p> <p>7 MR. KNUDSEN: Object to form.</p> <p>8 A. Personal firsthand knowledge, no. Reports on the</p> <p>9 media is all I can assume. That -- that's all I know about.</p> <p>10 Q. (BY MR. BRYANT) Do you have any reason to be -- to</p> <p>11 doubt that that does exist in that 335-mile stretch?</p> <p>12 A. No, I have no reason to doubt it.</p> <p>13 Q. Does that international criminal activity by cartels</p> <p>14 adversely affect the potential of the Rio Grande River for</p> <p>15 commercial navigation on that stretch of the river?</p> <p>16 MR. KNUDSEN: Object to form.</p> <p>17 A. I really have no basis to form an opinion on that.</p> <p>18 Q. (BY MR. BRYANT) Are you aware of any prospect in the</p> <p>19 foreseeable future of elimination of international criminal</p> <p>20 activity by cartels on or near the Rio Grande River from 275 to</p> <p>21 610?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. I'm not sure I really understand the scope of the --</p> <p>24 of the question, sir.</p> <p>25 Q. (BY MR. BRYANT) Do you see any reasonable prospect</p>
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<p>1 improvements that you could make in every category that you</p> <p>2 describe, it still wouldn't be enough to make it possible to</p> <p>3 ship some heavy commodities down the Rio Grande River even to</p> <p>4 Laredo; is that right?</p> <p>5 MR. KNUDSEN: Objection to form.</p> <p>6 A. I would say, depending on the design and its</p> <p>7 potential. But again, I would have to have a full blown design</p> <p>8 to determine are we -- what level and depth are we trying to</p> <p>9 get to.</p> <p>10 Q. (BY MR. BRYANT) Are you aware of any demand for</p> <p>11 commercial navigation currently in the stretch from 275 to 610</p> <p>12 on the Rio Grande River?</p> <p>13 MR. KNUDSEN: Object to form.</p> <p>14 A. I'm not ma -- I've -- I've not -- not been made</p> <p>15 aware of any -- any additional commercial navigation, no, sir.</p> <p>16 Q. (BY MR. BRYANT) Okay. You're not -- you haven't</p> <p>17 been contacted or heard of anybody contacted by businesses who</p> <p>18 want to ship anything on the Rio Grande River, you know, from</p> <p>19 275 to 610?</p> <p>20 A. No, sir.</p> <p>21 Q. Are you aware of any products or goods that are</p> <p>22 produced in the area of Texas or Mexico near Rio Grande Miles</p> <p>23 275 to 610 that would be suitable to ship -- be shipped on that</p> <p>24 stretch of the Rio Grande River?</p> <p>25 MR. KNUDSEN: Object to form.</p>	<p>1 that anyone using that river will not have to deal with the</p> <p>2 possibility of international criminal activity near the river?</p> <p>3 MR. KNUDSEN: Object to form.</p> <p>4 A. I -- I have no basis to form an opinion on -- on</p> <p>5 that.</p> <p>6 Q. (BY MR. BRYANT) Did you in any way take into account</p> <p>7 the existence of criminal cartel activity along the 275 to 610</p> <p>8 stretch in your expert report?</p> <p>9 A. No, sir.</p> <p>10 Q. Your report foresees [sic] experiences and activities</p> <p>11 in the Fort Worth District on other Corps reservoirs like Lake</p> <p>12 Whitney, Sam Rayburn and Lake Lewisville.</p> <p>13 Do any other Fort Worth District Corps</p> <p>14 reservoirs or rivers have comparable challenges to navigation</p> <p>15 from international criminal cartels like those that operate on</p> <p>16 or near Miles 275 to 610?</p> <p>17 MR. KNUDSEN: Object to form.</p> <p>18 A. I'm not aware of any.</p> <p>19 Q. (BY MR. BRYANT) When you were given your assignment</p> <p>20 in this case, were you also asked to assume away the Sinaloa</p> <p>21 drug cartel?</p> <p>22 A. It was not considered in any way.</p> <p>23 Q. Your expert report references possible vessel rental</p> <p>24 businesses on the Rio Grande in the 275 to 610 stretch.</p> <p>25 How many of those businesses exist today?</p>

<p>1 A. I didn't do an exhaustive search. I found a couple 2 of them. One was called the Eppies [sic], and then there was 3 another group that I did see down in the Laredo area. 4 Q. So is the answer that you don't know how many there 5 are -- 6 A. Correct. 7 Q. -- but you have read of the advertisements from two? 8 A. Yes, sir. 9 Q. And you have no idea how much business they do? 10 A. I did not ask for any reports, no, sir. 11 Q. And you have not, personally, used those businesses 12 yourself, I assume? 13 A. No, sir, I have not. 14 Q. And you haven't had any personal dealings with them 15 of any kind? 16 A. No, sir. I have not had any contact whatsoever with 17 them. 18 Q. Let's take a look at Exhibit 11. 19 (MacAllister Exhibit 11 was marked.) 20 Q. (BY MR. BRYANT) Once you've reviewed Exhibit 11, 21 could you identify it, please? 22 A. It appears to be a report, International Boundary and 23 Water Commission, United States and Mexico, United States 24 Section for Binational Border Solutions. Strategic Plan Fiscal 25 Years 2021 through 2025, and it says to be revised September of</p>	<p>126</p> <p>1 A. Oh, all right. 2 Q. (BY MR. BRYANT) Please review Exhibit 12 to your 3 deposition and tell me if you have seen this document or any 4 part of it before. 5 A. I don't recall seeing this -- or reviewing this 6 document, no. 7 Q. Okay. This pertains to something called the Rio 8 Grande Canalization Project. 9 Have you ever heard of that? 10 A. I have not. 11 Q. Okay. This looks like a program to canalize 105 12 miles upstream of El Paso that was -- looks like it was first 13 approved in 1999, and they were still working on it in 2021. 14 Does that refresh your recollection about any 15 project you ever heard of? 16 MR. KNUDSEN: Object to form. 17 A. I have not had any dealings with this, no, sir. 18 Q. (BY MR. BRYANT) Okay. Let's look at Exhibit 13 to 19 your deposition. 20 (MacAllister Exhibit 13 was marked.) 21 Q. (BY MR. BRYANT) Oh, this an excerpt from a website 22 of the U.S. General Printing -- Government Printing Office, I 23 believe. 24 A. Okay. 25 Q. And the subject is U.S. Army Corps of Engineers</p>	<p>128</p>	<p>129</p>
<p>1 2022. 2 Q. Okay. Is this the strategic plan for that 3 organization that is now in effect? 4 A. That's my assumption. I've not reviewed this. 5 Q. Okay. Could you please review it enough to determine 6 whether or not any part of the strategic plan of the United 7 States Section of the IBWC involves any improvements to the Rio 8 Grande River for purposes of navigation? 9 MR. KNUDSEN: Object to form. 10 Q. (BY MR. BRYANT) And I understand it might take you a 11 little time to do that. Please take whatever time you need. 12 A. So as a -- with a quick review, I do not see anything 13 associated with increasing navigability. 14 Q. Okay. And did you see any other proposed changes to 15 the Rio Grande River within the strategic plan? 16 MR. KNUDSEN: Objection to form. 17 A. The only thing -- again, quickly glancing through it, 18 for a matter of time here, I did see some discussion about 19 environmental sustainability flow type, but I -- I don't 20 believe they said "environmental flows," but they talked about 21 it ecologically speaking increasing flows or maintaining flows 22 appropriately. 23 Q. (BY MR. BRYANT) Okay. Could you take a look at 24 Exhibit 12 to your deposition? 25 (MacAllister Exhibit 12 was marked.)</p>	<p>127</p> <p>1 Navigational Charts. It states, "The U.S. inland navigation 2 system consists of 8,200 miles of navigable rivers main- -- 3 maintained by the U.S. Army Corps of Engineers." 4 Is any part of the Rio Grande within that 8,200 5 miles of navigable rivers maintained by the U.S. Army Corps of 6 Engineers? 7 MR. KNUDSEN: Object to form. 8 A. Not to my knowledge, no, sir. 9 Q. (BY MR. BRYANT) And where the Army Corps of 10 Engineers does manage those navigable rivers, they produce a 11 suite of navigational chart books, portfolios that are designed 12 to promote safe navigation in those waters. 13 Could you quickly look through Exhibit 13 and 14 see if you see any such navigational charts the Corps of 15 Engineers has created for any part of the Rio Grande River? 16 A. There's nothing listed in this document. 17 Q. And is it correct, to your knowledge, that the U.S. 18 Army Corps -- Corps of Engineers has never produced any 19 navigational charts, books, portfolios for navigation of any 20 part of the Rio Grande River? 21 MR. KNUDSEN: Object to form. 22 A. I -- I don't know. I have no basis to form that 23 opinion. 24 Q. (BY MR. BRYANT) Okay. Let's take a look at Exhibit 25 14 to your deposition.</p>	<p>128</p>	<p>129</p>

<p>1 (MacAllister Exhibit 14 was marked.)</p> <p>2 Q. (BY MR. BRYANT) Have you ever seen Exhibit 14 or any</p> <p>3 part of it?</p> <p>4 A. No.</p> <p>5 Q. Okay. Is this a Army Corps of Engineers publication?</p> <p>6 MR. KNUDSEN: Object to form.</p> <p>7 A. I do not know. The front page makes it appear that</p> <p>8 it's a joint publication, possibly, National Park Service,</p> <p>9 Rocky Mountain Regional, along with the United States Army</p> <p>10 Corps of Engineers.</p> <p>11 Q. (BY MR. BRYANT) Okay. The first page of Exhibit 14</p> <p>12 references the U.S. Army Corps of Engineers 9-foot channel</p> <p>13 project on the upper Mississippi River.</p> <p>14 Do you have any knowledge about that project?</p> <p>15 A. No, sir, I do not.</p> <p>16 Q. Okay. On Page 13 of the document it states, quote,</p> <p>17 As originally planned in the 1920s, the 9-Foot Channel Project</p> <p>18 was comprised of 26 locks of dams and their associated pools</p> <p>19 that extended from St. Paul, Minnesota, south to Alton,</p> <p>20 Illinois.</p> <p>21 Do you have any knowledge as to why the U.S.</p> <p>22 Army Corps of Engineers chose to initiate the 9-Foot Channel</p> <p>23 Project in the upper Mississippi River?</p> <p>24 MR. KNUDSEN: Object to form.</p> <p>25 A. No, sir, I don't know.</p>	<p>130</p> <p>1 Q. (BY MR. BRYANT) Can you identify that document?</p> <p>2 A. It appears to be a Intercoastal Waterway of</p> <p>3 Louisiana.</p> <p>4 Q. Okay. And is there a reference in that document --</p> <p>5 that exhibit to the depth of the channel that's maintained</p> <p>6 there?</p> <p>7 MR. KNUDSEN: Object to form.</p> <p>8 A. (Reading.) States that the lowest controlling depth</p> <p>9 is 6.1 feet. Intracoastal Waterway provides a 12-foot deep</p> <p>10 channel, 6-foot deep Okeechobee Waterway in southern Florida.</p> <p>11 It appears to vary. (Reading.) Okay. Yeah.</p> <p>12 Q. (BY MR. BRYANT) Do you know whether or not it would</p> <p>13 be feasible to create a 6-foot channel in the Rio Grande River</p> <p>14 from Mile 275 to 610?</p> <p>15 MR. KNUDSEN: Objection to form.</p> <p>16 A. I -- I have not reviewed anything to make that</p> <p>17 assumption. I just assumed that that had been done as part of</p> <p>18 my assumption, so I didn't study at all on that part to see</p> <p>19 whether or not something was feasible.</p> <p>20 Q. (BY MR. BRYANT) So you don't you know whether it's</p> <p>21 feasible or not feasible, you were just told to assume it was</p> <p>22 feasible?</p> <p>23 A. Yes, sir.</p> <p>24 MR. KNUDSEN: Objection to form.</p> <p>25 Q. (BY MR. BRYANT) Okay. And who told you that -- gave</p>
<p>131</p> <p>1 Q. (BY MR. BRYANT) And do you have any knowledge as to</p> <p>2 why Congress funded that project?</p> <p>3 MR. KNUDSEN: Object to form.</p> <p>4 A. No, sir, I don't know.</p> <p>5 Q. (BY MR. BRYANT) Take a look at Exhibit 15.</p> <p>6 (MacAllister Exhibit 15 was marked.)</p> <p>7 Q. (BY MR. BRYANT) Could you identify Exhibit 15?</p> <p>8 A. It's an online interactive chart for the East Coast.</p> <p>9 Q. Have you ever seen that document before?</p> <p>10 A. I've seen variations of the -- of the -- the map.</p> <p>11 Q. Do you know what the minimum channel depth is that is</p> <p>12 maintained in that area along the east coast of the United</p> <p>13 States for navigational purposes?</p> <p>14 A. No, sir, I don't.</p> <p>15 Q. Let's look at Exhibit 16.</p> <p>16 (MacAllister Exhibit 16 was marked.)</p> <p>17 MR. KNUDSEN: I'm not sure I have a copy of</p> <p>18 that, Counsel.</p> <p>19 MR. BRYANT: Okay. Which one, 15, 16?</p> <p>20 MR. KNUDSEN: 16.</p> <p>21 MR. BRYANT: Okay. Let's see if we can come up</p> <p>22 with one for you.</p> <p>23 MR. KNUDSEN: Mine stopped at 15.</p> <p>24 MR. BRYANT: Okay. Why don't you borrow mine?</p> <p>25 MR. KNUDSEN: Thank you.</p>	<p>131</p> <p>1 you all these assumptions?</p> <p>2 A. That was based on the assumptions I was provided when</p> <p>3 I was first contacted to see, assuming that I had these</p> <p>4 assumptions in hand, could I make incremental changes and --</p> <p>5 and enhancements to the Rio Grande.</p> <p>6 Q. And were all of those assumptions provided to you by</p> <p>7 attorneys for the United States?</p> <p>8 A. Yes.</p> <p>9 Q. Now, is it also correct that you don't have any idea</p> <p>10 what it would cost to create a 6-foot channel in the stretch of</p> <p>11 the Rio Grande River from 275 to 610?</p> <p>12 A. Yeah. I --</p> <p>13 MR. KNUDSEN: Object to form.</p> <p>14 A. I currently don't know what that would cost.</p> <p>15 Q. (BY MR. BRYANT) And you don't have any idea whether</p> <p>16 if that were done it would have any significant economic</p> <p>17 benefits; is that correct?</p> <p>18 MR. KNUDSEN: Object to form.</p> <p>19 A. I was not provided any information to state one way</p> <p>20 or the other.</p> <p>21 Q. (BY MR. BRYANT) Okay. Let's look at Exhibit 17.</p> <p>22 (MacAllister Exhibit 17 was marked.)</p> <p>23 THE WITNESS: Oh, I assume this is -- you're</p> <p>24 like, "That's my job." Sorry.</p> <p>25 Q. (BY MR. BRYANT) You please take whatever time you</p>

<p>1 need to review the document, and then if you can, identify 2 Exhibit 17.</p> <p>3 MR. KNUDSEN: I don't have a copy of that one 4 either.</p> <p>5 MR. BRYANT: Well, Andrew, you're just about to. 6 There you go.</p> <p>7 MR. KNUDSEN: Thank you very much.</p> <p>8 A. Okay.</p> <p>9 Q. (BY MR. BRYANT) Can you identify that document?</p> <p>10 A. It's a Wikipedia printout of a description of the 11 Tennessee-Tombigbee Waterway.</p> <p>12 Q. Okay. And are you familiar at all independently of 13 that exhibit of the Tennessee-Tombigbee Waterway?</p> <p>14 A. I'm aware it exists, yes, sir.</p> <p>15 Q. Okay. Have you ever seen it physically?</p> <p>16 A. I've not been on it, no, sir.</p> <p>17 Q. Okay. Was that created in the 1980s?</p> <p>18 A. There's references that predate the 1980s in here. 19 We're going back to Mr. Roosevelt. President Roosevelt took 20 office and wanted to work on infrastructure projects, and so 21 from there on, it had various levels of support.</p> <p>22 Q. Okay. Was the U.S. Army Corps of Engineers involved 23 in that project?</p> <p>24 A. Yes, sir.</p> <p>25 Q. And in doing any of your work, have you considered</p>	<p>134</p> <p>1 various assumptions that were given to you or that you were 2 asked to make in connection with your work in this case.</p> <p>3 As far as I know, there's not a statement or a 4 list of those assumptions in your report, is there?</p> <p>5 A. I don't believe there is, no, sir.</p> <p>6 Q. Okay. Were you given any or all of those assumptions 7 in any kind of written or digital form?</p> <p>8 A. I don't believe so. It was just on a -- a 9 teleconference.</p> <p>10 Q. Okay. Then I would really appreciate it if we could 11 go through it and create a list of the assumptions that 12 underlie your -- underlies your expert work in this case to be 13 sure we're just as complete as we can be.</p> <p>14 Is one -- one of the assumptions, as I recall, 15 is that whatever money is needed will be there?</p> <p>16 A. Yes, sir.</p> <p>17 Q. A second assumption is, you don't have to identify 18 benefits that would come from the improvements in any economic 19 manner?</p> <p>20 MR. KNUDSEN: Object to form.</p> <p>21 A. The assumption was that that had already been 22 determined is -- is what -- not necessarily that it wasn't 23 considered, but considered that it's true.</p> <p>24 Q. (BY MR. BRYANT) That it's not necessary for you to 25 determine --</p>
<p>1 the experience of the Army Corps of Engineers in the 2 Tennessee-Tombigbee project or any of the other inland river 3 projects that the Army Corps of Engineers has accomplished over 4 the last century?</p> <p>5 A. Just insofar as we've done them. When we were 6 provided the mechanism to go do so, then we responded to what 7 Congress asked us to do. I'm --</p> <p>8 Q. Yes. But I'm asking you whether you used any of the 9 experience or the lessons from any of those projects in your 10 work in this case?</p> <p>11 A. No, sir. I did not compare any of those things, no, 12 sir.</p> <p>13 Q. Okay.</p> <p>14 A. I apologize. I misunderstood the question.</p> <p>15 Q. Well, I may not have been clear.</p> <p>16 MR. BRYANT: We've been at it about an hour and 17 a half. Why don't we take a break, and I'll try to get us 18 ready for the last lap of the deposition?</p> <p>19 THE WITNESS: Sure. Yes, sir.</p> <p>20 THE VIDEOGRAPHER: The time is 2:08 p.m., and 21 we're off the record.</p> <p>22 (Recess taken from 2:08 p.m. to 2:15 p.m.)</p> <p>23 THE VIDEOGRAPHER: The time is 2:15 p.m., and 24 we're back on the record.</p> <p>25 Q. (BY MR. BRYANT) Mr. MacAllister, we've talked about</p>	<p>135</p> <p>137</p> <p>1 A. Correct.</p> <p>2 Q. -- because it had already been either determined or 3 assumed?</p> <p>4 A. Yes, sir.</p> <p>5 Q. Okay. And is there an assumption that the benefits 6 as determined or assumed would equal or outweigh any cost of 7 the improvements that are in your report?</p> <p>8 MR. KNUDSEN: Object to form.</p> <p>9 A. That's -- yes, I did consider it, basically, in that 10 fashion as a project that was already authorized and gone 11 through all of that, and that we had obtained funding.</p> <p>12 Q. (BY MR. BRYANT) Okay. And was another of the 13 assumptions that underlies your report that Congress had 14 approved or would approve whatever improvements you deemed 15 needed?</p> <p>16 MR. KNUDSEN: Object to form.</p> <p>17 A. Yes, sir.</p> <p>18 Q. (BY MR. BRYANT) And was another assumption that the 19 IBWC would cooperate and -- and, in fact, carry out what was 20 needed to -- to effectuate the improvements you thought would 21 be helpful?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. Yes, that would be a fair assumption. Yes, sir.</p> <p>24 Q. (BY MR. BRYANT) Okay. And was another assumption 25 that you would receive the consent or cooperation of the</p>

<p>1 government of Mexico?</p> <p>2 A. Yes, sir.</p> <p>3 MR. KNUDSEN: Object to form.</p> <p>4 Q. (BY MR. BRYANT) And was another assumption that the</p> <p>5 United States and Mexico would make whatever changes to their</p> <p>6 treaties or agreements were necessary to effectuate the</p> <p>7 improvements?</p> <p>8 MR. KNUDSEN: Hold on. Object to form.</p> <p>9 A. Yes.</p> <p>10 Q. (BY MR. BRYANT) Now I'm doing the coughing. Excuse</p> <p>11 me.</p> <p>12 A. No worries.</p> <p>13 Q. And was another assumption of your work that all</p> <p>14 holders of water rights on the Rio Grande or Amistad would</p> <p>15 either consent to the program of improvements or be compensated</p> <p>16 in some way, so that they would not object?</p> <p>17 MR. KNUDSEN: Object to form.</p> <p>18 A. Essentially, I, kind of, looked at more of a</p> <p>19 consensus, that we had all come to a consensus. "We," meaning,</p> <p>20 not the Corps, but whoever was involved.</p> <p>21 Q. (BY MR. BRYANT) All of the water rights holders?</p> <p>22 A. Would have all been in consensus to move forward with</p> <p>23 the project.</p> <p>24 Q. Okay. Was another assumption that the State of Texas</p> <p>25 and its agencies would -- would consent or cooperate to the</p>	<p>138</p> <p>1 implicit in the program of possible improvements for the</p> <p>2 purposes of improving navigation on the Rio Grande River from</p> <p>3 275 to 610 that is envisioned in your report?</p> <p>4 MR. KNUDSEN: Object to form.</p> <p>5 A. I think we've discussed everything for the most part,</p> <p>6 and I think there may be some -- yeah, we touched on the NEPA.</p> <p>7 NEPA itself is so broad, and it touches so many things. I hate</p> <p>8 to throw an umbrella out like that. But essentially, that if</p> <p>9 it has to do with the NEPA process, that -- that that part has</p> <p>10 been covered, the internal permitting processes for different</p> <p>11 ag -- just all of that has been taken care of.</p> <p>12 Q. (BY MR. BRYANT) You -- you did mention that, and I</p> <p>13 left it out. But I believe that the assumption would be that</p> <p>14 not only all environmental clearances would be obtained, but</p> <p>15 all other regulatory clearances, whether it be endangered</p> <p>16 species or effects on water quality or effects on archeological</p> <p>17 sites or anything that any applicable U.S. Federal, Texas State</p> <p>18 or Mexican Federal or Mexican State governments might have in</p> <p>19 the way of legal or regulatory requirements would be swept</p> <p>20 aside, and this project would be cleared?</p> <p>21 MR. KNUDSEN: Object to form.</p> <p>22 A. Well, the assumption was that any and all of that</p> <p>23 would have been handled prior to. It wouldn't have</p> <p>24 circumvented anything. It would have been after that had been</p> <p>25 completed.</p>
<p>1 extent necessary to bring about the improvements?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. Yes, sir. It would include all governmental</p> <p>4 entities.</p> <p>5 Q. (BY MR. BRYANT) And was another assumption that the</p> <p>6 government of Mexico would not only consent or not object to</p> <p>7 the -- the improvements that you propose, but they would carry</p> <p>8 out those improvements that needed to be done on the Mexican</p> <p>9 side of the international boundary?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. I didn't, specifically, think of that as far as,</p> <p>12 like, you know, thinking they would be ob- -- obligated. I was</p> <p>13 thinking that whatever treaties needed to be adjusted or</p> <p>14 however that worked out would've been worked out.</p> <p>15 Q. (BY MR. BRYANT) Okay. And in other words, that the</p> <p>16 assumption about treaty changes would include obligating Mexico</p> <p>17 to do what needed to be done on its side of the international</p> <p>18 boundary?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. Could -- just that it could. I don't know whether</p> <p>21 it -- because it was a very broad brush stroke that said that,</p> <p>22 basically, the path is clear, we need to go do these</p> <p>23 activities.</p> <p>24 Q. (BY MR. BRYANT) Okay. And can you think of any</p> <p>25 other assumptions that we haven't talked about that are</p>	<p>139</p> <p>141</p> <p>1 Q. (BY MR. BRYANT) Okay. And you have no assumption or</p> <p>2 estimation as to how long it would take to get to that point if</p> <p>3 you started applying every effort to do it today, whether it'd</p> <p>4 take a year, 5 years, 10 years or whatever period?</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. Yeah. I -- I don't know how -- I would not be able</p> <p>7 to give you an estimate at this point.</p> <p>8 Q. (BY MR. BRYANT) And you have no -- no assurance that</p> <p>9 in the real world all of those things could -- could be</p> <p>10 accomplished regardless of the time, you're just asked to</p> <p>11 assume they had been accomplished?</p> <p>12 MR. KNUDSEN: Object to form.</p> <p>13 A. That's correct, yes, sir.</p> <p>14 Q. (BY MR. BRYANT) And you have no idea or estimate as</p> <p>15 to how much it would cost to pursue all of those efforts that</p> <p>16 are implicit in the assumptions that would have to be met prior</p> <p>17 to the program of reasonable improvements being implemented?</p> <p>18 MR. KNUDSEN: Object to form.</p> <p>19 A. No, I do not put any effort into that type of an</p> <p>20 estimate, no, sir.</p> <p>21 Q. (BY MR. BRYANT) Okay. Can you think of any other</p> <p>22 assumptions that are implicit in your expert report?</p> <p>23 A. Not -- no. Those are...</p> <p>24 Q. This may be within that regulatory realm, but I think</p> <p>25 it -- we discussed it's also an assumption that whatever bodies</p>

<p>1 are responsible for granting water rights would grant whatever 2 water rights for navigation are necessary in order to 3 accomplish the improvements?</p> <p>4 A. Yes, sir.</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. Yes, sir, that was an assumption.</p> <p>7 Q. (BY MR. BRYANT) And so that's an assumption even 8 though, to your knowledge, no water rights for navigation have 9 ever been granted on the Rio Grande?</p> <p>10 MR. KNUDSEN: Object to form.</p> <p>11 A. I don't know what's been discussed inside that 12 document -- the 1975 document, I'm not aware of the dis- -- any 13 other discussions about it.</p> <p>14 Q. (BY MR. BRYANT) We may have touched on this already. 15 Do other modes of transportation, such as rail 16 and highway, currently satisfy all the commercial 17 transportation needs of the area around the 275 to 610 stretch 18 of the Rio Grande River?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. I'm not sure if that's -- I don't know. I'm -- 21 there's -- I don't know which modes of transportation and 22 commerce shipments that they -- I don't know.</p> <p>23 Q. (BY MR. BRYANT) Okay. But you are aware that -- 24 you're not aware of any --</p> <p>25 A. Those are the only options, yes, sir. At this point</p>	<p>142</p> <p>1 everything I've seen, both in person and the aerial, that yes, 2 Class A can navigate the preponderance of those areas.</p> <p>3 Class 1, depending on the types of hulls and the 4 types of drives associated with that vessel could navigate 5 quite a bit, would have some tr- -- troublesome spots depending 6 on water flows. Some spots would probably be unpassable with 7 low flows. That -- but other path -- at the same time, those 8 areas at some points during the year could be passable with 9 higher flows.</p> <p>10 Q. Are you aware of any of the operations of the ports 11 of Harlingen/Brownsville down river on the Rio Grande?</p> <p>12 A. No, sir.</p> <p>13 Q. Do you know whether any cargo that is offloaded at 14 those ports or at any other gulf ports is transshipped up the 15 Rio Grande for any distance in the modern era?</p> <p>16 MR. KNUDSEN: Object to form.</p> <p>17 A. Just on a personal basis, I've -- I've been in the 18 Rio Grande Valley, and I don't -- can't give you a -- an 19 absolute number, like, river mile number, but just certain -- 20 certain levels up, yes, there's some -- a little bit of 21 commerce that goes back and forth down -- but outside of my 22 district, and outside of my specific dealings.</p> <p>23 Q. (BY MR. BRYANT) Okay.</p> <p>24 A. But not -- not any -- I don't know what kind of -- 25 that -- I just know the vessels have been down there.</p>
<p>1 in time, yes, sir.</p> <p>2 Q. That's right.</p> <p>3 And you're not aware of anybody saying "These 4 options are inadequate. I want to ship goods down the Rio 5 Grande River"?</p> <p>6 A. I have not heard that, no, sir.</p> <p>7 Q. Okay. We talked about Class A and Class 1 vessels. 8 How would vessels of that size be able to travel 9 down the Rio Grande River from Mile Number 610 to 275 over the 10 rapids and sills that exist in that stretch?</p> <p>11 MR. KNUDSEN: Objection to form.</p> <p>12 A. They would have to go along with the overall design 13 between those two locations. There would have to be some 14 deepening, there would have to be, you know, things like that 15 applied to it.</p> <p>16 Q. (BY MR. BRYANT) Okay. And so you would agree that 17 such vessels can't go the length of that stretch of river as it 18 now stands in its natural condition?</p> <p>19 MR. KNUDSEN: Object to form.</p> <p>20 A. Depending on flows, at this point, yes, that's -- 21 that's correct.</p> <p>22 Q. (BY MR. BRYANT) Okay.</p> <p>23 A. Except -- well, I think I've got to qualify that 24 because Class A -- you lumped them both together, and so I 25 appreciate that -- that. So Class A, I would say, from</p>	<p>143</p> <p>145</p> <p>1 Q. Is it fair to say that you're unaware of any goods 2 that have been shipped through the Gulf of Mexico that, then, 3 are shipped up the Rio Grande as far as Miles 275?</p> <p>4 MR. KNUDSEN: Object to form.</p> <p>5 A. Yes, that's correct. I'm not aware.</p> <p>6 Q. (BY MR. BRYANT) Is it fair to say that there is no 7 intermodal networks that today use the Rio Grande River --</p> <p>8 MR. KNUDSEN: Object to form.</p> <p>9 Q. (BY MR. BRYANT) -- to your knowledge?</p> <p>10 A. Yeah. To my knowledge, I'm -- I'm not aware, sir. I 11 don't know.</p> <p>12 Q. Is it fair to say that you're not aware of any 13 commercial navigation in the 275 to 610 stretch of the Rio 14 Grande that supports interstate or international commerce --</p> <p>15 MR. KNUDSEN: Object to form.</p> <p>16 Q. (BY MR. BRYANT) -- today?</p> <p>17 A. Today, I'm not aware of any, no, sir.</p> <p>18 Q. Okay. And is that also true for any historical 19 periods you're aware of?</p> <p>20 MR. KNUDSEN: Object to form.</p> <p>21 A. I've not done a thorough research on that, but no, 22 sir, I'm not aware of any.</p> <p>23 Q. (BY MR. BRYANT) Okay.</p> <p>24 A. Other than -- I mean, there's references here and 25 there that I've read throughout the years about traversing</p>

<p>1 from -- you know, but not -- not recently.</p> <p>2 Q. Are you aware of any current uses of Class A or</p> <p>3 Class 1 vessels in the 275 to 610 stretch for uses other than</p> <p>4 recreation and law enforcement?</p> <p>5 MR. KNUDSEN: Object to form.</p> <p>6 A. Just a couple of those instances where people have</p> <p>7 ecotourism and rentals.</p> <p>8 Q. (BY MR. BRYANT) There are a couple of reasonable</p> <p>9 improvements that we have not really mentioned, but are</p> <p>10 mentioned in your report. One is bank stabilization.</p> <p>11 Where would you propose that bank stabilization</p> <p>12 be done within the 275 to 610 range of the Rio Grande River?</p> <p>13 A. Just in the areas where you have higher levels of</p> <p>14 erosion. Depending on what those levels are, depending on the</p> <p>15 soil type, depending on the slopes and such -- excuse me --</p> <p>16 that would be just a few different ways that you could attempt</p> <p>17 to do so.</p> <p>18 Q. Have you or anybody else made any attempt to identify</p> <p>19 the areas within that 275 to 610 stretch -- stretch of the</p> <p>20 river that would need bank stabilization efforts to accomplish</p> <p>21 the improvements you envisioned in your report?</p> <p>22 MR. KNUDSEN: Object to form.</p> <p>23 A. No, sir, I have not quantified that, no.</p> <p>24 Q. (BY MR. BRYANT) And no one else has, to your</p> <p>25 knowledge?</p>	<p>146</p> <p>1 Q. -- improve navigation in that stretch?</p> <p>2 MR. KNUDSEN: Object to form.</p> <p>3 A. No, sir. That would, again, come along with an</p> <p>4 overall design if we were to apply it.</p> <p>5 Q. (BY MR. BRYANT) Another subject that is mentioned in</p> <p>6 your expert report is the possibility of removing snags and</p> <p>7 vegetations in the river from Mile 275 to 610.</p> <p>8 Do you -- or have you or anybody else, to your</p> <p>9 knowledge, done any work to identify where that currently needs</p> <p>10 to be done?</p> <p>11 A. Just same answer for boat ramps and bank</p> <p>12 stabilization, it would just depend, and we would go in there</p> <p>13 and figure it out at the time the design was being performed.</p> <p>14 Q. Okay. And am I correct in assuming that that is a</p> <p>15 effort that would require ongoing maintenance or additional</p> <p>16 work, it wouldn't be a you do it one time and everything's</p> <p>17 fixed?</p> <p>18 A. It -- it would require ongoing maintenance to</p> <p>19 maintain the area, yes.</p> <p>20 Q. Okay. Now, is it true that over time the demands on</p> <p>21 the waters of the Rio Grande and the 275 to 610 range have</p> <p>22 continually increased because of additional needs for</p> <p>23 irrigation, as well as municipal uses downstream?</p> <p>24 MR. KNUDSEN: Object to form.</p> <p>25 A. I would have to say that's an assumption. I've not</p> <p>147</p>	<p>148</p>
<p>1 A. Not -- not to my knowledge, no, sir.</p> <p>2 Q. Do you know whether there's a couple or 20 or 200 or</p> <p>3 which number would be closest?</p> <p>4 MR. KNUDSEN: Object to form.</p> <p>5 A. I think the -- the most accurate way to say that is,</p> <p>6 is that it's not necessarily a total number of places. It's</p> <p>7 sporadic throughout, and depending on the severity of</p> <p>8 something, we would want to do something about that if we were</p> <p>9 to make incremental improvements.</p> <p>10 Q. (BY MR. BRYANT) Okay. And if such bank</p> <p>11 stabilization improvements were made, would those be one time</p> <p>12 efforts or would those require ongoing maintenance?</p> <p>13 A. It would most likely require ongoing maintenance if</p> <p>14 it was a constructed means. The goal would be to use as many</p> <p>15 natural means when you slope it back and use appropriate</p> <p>16 vegetation to limit the ongoing O&M.</p> <p>17 Q. There is also a mention in your report the</p> <p>18 possibility of adding boat ramps, I assume, for Class A and</p> <p>19 Class 1 vessels in the 275 to 610 stretch; is that a correct</p> <p>20 assumption?</p> <p>21 A. Predominantly, yes, sir.</p> <p>22 Q. Okay. And have you or anybody else done any kind of</p> <p>23 assessment as to the number or location of boat ramps that</p> <p>24 would be needed to --</p> <p>25 A. No, sir.</p>	<p>1 read -- I've not read the reports on -- on how much that's</p> <p>2 changed over the years.</p> <p>3 Q. (BY MR. BRYANT) In determining a program of</p> <p>4 reasonable improvements, would it be necessary to make some</p> <p>5 assessment of how much the -- the water supply available in the</p> <p>6 river would change in the future by the time that the</p> <p>7 reasonable improvements could be accomplished?</p> <p>8 MR. KNUDSEN: Object to form.</p> <p>9 A. That would have to be taken into account as far as</p> <p>10 the long-term objectives. If -- if you were going to</p> <p>11 reallocate waters for certain different purposes or if you were</p> <p>12 going to try to use them as a reuse or however you were going</p> <p>13 to do it.</p> <p>14 Q. (BY MR. BRYANT) So in other words, if you want to</p> <p>15 improve navigation in that stretch of the river, you would have</p> <p>16 to get some idea of what the other demands for the -- the water</p> <p>17 in the river would be at the time that the improvements could</p> <p>18 be accomplished, because if there's much less river water at</p> <p>19 that time, what might seem feasible now wouldn't be feasible</p> <p>20 then --</p> <p>21 MR. KNUDSEN: Object to form.</p> <p>22 Q. (BY MR. BRYANT) -- is that fair?</p> <p>23 A. It's -- it's fair to say that that has to -- you have</p> <p>24 to look at the expectations of growth and such whenever you're</p> <p>25 doing those types of designs, and that would be under the</p>	<p>149</p>

<p>1 feasibility study part.</p> <p>2 Q. Okay. And so at this point, you have not done that</p> <p>3 in any way in your expert report?</p> <p>4 A. That's correct, yes, sir.</p> <p>5 Q. And I don't think your expert report even mentions</p> <p>6 the need to address the changes in future water needs in the</p> <p>7 river; is that right?</p> <p>8 A. That is correct, yes, sir.</p> <p>9 Q. Have you ever heard of anybody referred to as the</p> <p>10 "TCEQ Rio Grande Water Master"?</p> <p>11 A. No, sir. I mean, I -- I know who TCEQ is and the --</p> <p>12 as I referenced earlier, I'm familiar with -- that the -- that</p> <p>13 there's a Water Master for the Brazos. I don't know who the</p> <p>14 TCEQ person is for Rio.</p> <p>15 Q. Do you know whether the TCEQ Water Master takes</p> <p>16 advantage of side inflows when allocating water from the Rio</p> <p>17 Grande River?</p> <p>18 MR. KNUDSEN: Object to form.</p> <p>19 A. I'm not -- I'm not aware if they do or don't. And</p> <p>20 when you mean "side inflows," I'm assuming that that means</p> <p>21 water running from tributaries into the Rio Grande. So my</p> <p>22 assumption is, is that that is water of the state of Texas, and</p> <p>23 TCEQ Water Master has the authority to utilize those waters.</p> <p>24 Q. (BY MR. BRYANT) Are there diversion dams along the</p> <p>25 Rio Grande River in the 275 to 610 stretch?</p>	<p>150</p> <p>1 expert report?</p> <p>2 MR. KNUDSEN: Object to the form.</p> <p>3 A. As a water right holder, yes, sir. That would have</p> <p>4 to be taken into account.</p> <p>5 Q. (BY MR. BRYANT) Do you know whether the IBWC does</p> <p>6 channel maintenance activities in the 275 to 610 stretch of the</p> <p>7 Rio Grande River?</p> <p>8 A. I -- I don't know if they do or not.</p> <p>9 Q. Now, I think your -- your expert report refers to the</p> <p>10 potential improvements that we've discussed as being, quote,</p> <p>11 reasonable improvements.</p> <p>12 Could you explain what makes them reasonable to</p> <p>13 you?</p> <p>14 A. My interpretation of "reasonable" is fairly -- in</p> <p>15 this instance, is readily accessible, easy to get to, you know,</p> <p>16 there's not a lot of -- there's no new technology, you can use</p> <p>17 existing technologies to perform those tasks, those kind of</p> <p>18 things.</p> <p>19 Q. Now, I think you said earlier that one of the</p> <p>20 purposes of Amistad Reservoir is recreation; is that right?</p> <p>21 A. Yes, sir.</p> <p>22 Q. Would releasing more water from the Amistad Dam to</p> <p>23 support navigation conflict to somewhat -- to some extent with</p> <p>24 the recreational purpose of the Amistad Reservoir?</p> <p>25 MR. KNUDSEN: Object to form.</p>
<p>151</p> <p>1 A. I believe there's a irrigation diversion dam that</p> <p>2 runs -- it's above -- it's -- I -- it's above where -- it's</p> <p>3 above Eagle Pass, I'm just trying to think of where, I believe.</p> <p>4 I'm trying to remember where it starts. I'm trying picture it</p> <p>5 in my head right now, but yes, sir, there's --</p> <p>6 Q. Is it between Eagle Pass and Amistad Dam?</p> <p>7 A. I believe it is.</p> <p>8 Q. Okay.</p> <p>9 A. And I believe it comes down and it empties --</p> <p>10 Q. And can you explain what that diversion dam is for</p> <p>11 somebody who's not familiar with it?</p> <p>12 A. They utilize it when -- when water's released or</p> <p>13 available within the river, it's di- -- water's diverted for</p> <p>14 agricultural irrigational purposes. It comes back down later</p> <p>15 on through a -- I think there's a small hydropower plant, if I</p> <p>16 remember correctly, but...</p> <p>17 Q. And who makes the decisions as to whether and how</p> <p>18 much money -- water to divert from the Rio Grande flow to the</p> <p>19 diversion dam?</p> <p>20 A. The -- well, it's got through either the TCEQ person</p> <p>21 or IBWC, who is responsible for releasing waters to the water</p> <p>22 right holders.</p> <p>23 Q. Okay. And so is that an additional complication that</p> <p>24 would have to be taken into account in designing any plan of</p> <p>25 reasonable improvements, such as that is envisioned in your</p>	<p>153</p> <p>1 A. As with any -- because it's a multipurpose reservoir,</p> <p>2 utilizing one allocation over another or instead of another</p> <p>3 or -- can become a conflict, and that has to be dealt with as</p> <p>4 part of that feasibility study. And then as far as the design</p> <p>5 goes, to try to minimize those impacts.</p> <p>6 Q. (BY MR. BRYANT) I think your report mentions illegal</p> <p>7 artifact hunters on the 275 to 610 stretch.</p> <p>8 Do you recall that?</p> <p>9 MR. KNUDSEN: Object to form.</p> <p>10 A. I don't -- I don't think I put that in there.</p> <p>11 Q. (BY MR. BRYANT) Okay.</p> <p>12 A. If I did, I -- if I did, I had forgotten that I put</p> <p>13 it in there. But art- -- I may have mentioned that I had</p> <p>14 artifact hunters in my reservoirs, but I don't recall putting</p> <p>15 it in my report.</p> <p>16 Q. Okay. Could you look at your report at Page 3?</p> <p>17 A. Yes, sir. That's not my report.</p> <p>18 Q. Is that Exhibit 4 or 3?</p> <p>19 MR. KNUDSEN: That was Exhibit 3.</p> <p>20 MR. BRYANT: 3, yes.</p> <p>21 Q. (BY MR. BRYANT) Okay. Exhibit 3.</p> <p>22 A. You said Page 3, correct?</p> <p>23 Q. Exhibit 3, Page 3 --</p> <p>24 A. Okay.</p> <p>25 Q. -- first partial paragraph.</p>

<p>1 A. Okay.</p> <p>2 Q. It states, quote, Maintenance activities include</p> <p>3 providing access to our dam structures, removal of trash,</p> <p>4 slash, debris, placing of regulatory buoys, conducting boundary</p> <p>5 lane surveillance, loading, slash, unloading equipment and</p> <p>6 detection of illegal artifact hunters.</p> <p>7 A. Correct. Yes.</p> <p>8 Q. So now, do you recall that you did use that -- that</p> <p>9 phrase in your report?</p> <p>10 A. Well, I used the term, yes, sir. I thought you</p> <p>11 were -- I thought you were asking if I said we needed to</p> <p>12 consider -- did I put it in my report that we needed to</p> <p>13 consider illegal artifact hunters in the Rio Grande if we made</p> <p>14 these improvements. But what that right here synopsizes is the</p> <p>15 activities that I'm responsible for on the waterways, that I'm</p> <p>16 charged with the O&M of. So I apologize for -- if -- if that</p> <p>17 was going off the -- a different direction.</p> <p>18 Q. No problem.</p> <p>19 Have you or your -- anybody with the Fort Worth</p> <p>20 District, to your knowledge, encountered illegal artifact</p> <p>21 hunters on the Rio Grande River or near the Rio Grande River?</p> <p>22 A. Not to my knowledge.</p> <p>23 Q. Okay. There's also a reference to, on Page 3, on</p> <p>24 conducting boundary line surveillance, unquote.</p> <p>25 What does that refer to?</p>	<p>154</p> <p>1 Q. Do you know any of the details of the water supply</p> <p>2 contracts relating to the Rio Grande River?</p> <p>3 A. I've not read those water supply contracts, no, sir.</p> <p>4 Q. During your 29 years with the Fort Worth District,</p> <p>5 how many applications for permits with respect to the 275 to</p> <p>6 610 stretch of the Rio Grande River have been made to the Fort</p> <p>7 Worth District?</p> <p>8 MR. KNUDSEN: Object to form.</p> <p>9 A. That would be a question that would -- I can't</p> <p>10 answer. That would have to go to the regulatory program.</p> <p>11 Q. (BY MR. BRYANT) You just don't know that answer?</p> <p>12 A. I don't know, no, sir.</p> <p>13 Q. And you similarly don't know how many permits have</p> <p>14 been granted in the 29 years by the Fort Worth District?</p> <p>15 A. That's in the regulatory district -- regulatory, so</p> <p>16 yes, sir, I don't -- I don't have the number for that.</p> <p>17 Q. Okay. And is it also correct that you don't know how</p> <p>18 many active permits there are today that have been granted by</p> <p>19 the Fort Worth District for activities related to the Rio</p> <p>20 Grande River in the 275 to 610 stretch?</p> <p>21 A. That's correct.</p> <p>22 Q. Are you in -- aware of any instances in which parts</p> <p>23 of the Rio Grande had been chucked off because of Carrizo cane</p> <p>24 or other undesirable plant species?</p> <p>25 A. I'm aware that it's a nuisance species that can cause</p>
<p>155</p> <p>1 A. I -- I discussed the term "project" earlier, and at</p> <p>2 our projects we have property that's fee-owned by the Federal</p> <p>3 Government, and in some cases we also have flow agreements</p> <p>4 owned by the Federal Government, and those boundaries -- we</p> <p>5 protect those boundaries from encroachment from others. You</p> <p>6 know, from building homes out there or using it as private</p> <p>7 exclusive use for -- for -- for the purpose of adjacent</p> <p>8 landowners enjoyment of it, because it's Federal property.</p> <p>9 Q. Could you explain what you know about the number and</p> <p>10 type of water partners there are with respect to the 275 to 610</p> <p>11 stretch of the Rio Grande River?</p> <p>12 A. As far as the "water partners," are you referring to</p> <p>13 the folks that own water rights or --</p> <p>14 Q. Yes. It would include that, yes.</p> <p>15 A. All right. So I'm aware that there are people that</p> <p>16 own water rights for municipal use, for irrigation use, and</p> <p>17 obviously, there's a hydropower contingent that -- that is</p> <p>18 responsible for producing hydropower when available.</p> <p>19 Q. Do you know anything about the number --</p> <p>20 A. Oh, no, sir. I do not --</p> <p>21 Q. -- or the details of those water rights?</p> <p>22 A. I do not, no, sir.</p> <p>23 Q. I think your expert report references water supply</p> <p>24 contracts.</p> <p>25 A. Yes, sir.</p>	<p>157</p> <p>1 that to occur, and I'm aware that because of the potential of</p> <p>2 that occurring, that the State and the Federal Government</p> <p>3 partners, I believe, have worked together to try to develop</p> <p>4 ways to handle the encroachment of that, so that doesn't occur,</p> <p>5 what you're talking about.</p> <p>6 Q. And has that, in fact, occurred during your time at</p> <p>7 the Corps with respect to any areas in the 275 to 610 range of</p> <p>8 the Rio Grande?</p> <p>9 A. I'm -- I'm aware of -- I've not, personally, been</p> <p>10 involved with it, no, sir. However, I'm aware just by visual</p> <p>11 observation that, yes, there's been Carrizo cane removed. I'm</p> <p>12 also aware that there's programs where biological agents are</p> <p>13 utilized rather than chemical or mechanical to slowly pull back</p> <p>14 the -- the -- the cane and have it slowly be re-vegetated with</p> <p>15 other -- other types of vegetation, more favorable.</p> <p>16 Q. Would you agree that reservoirs that you mentioned in</p> <p>17 your expert report like Sam Rayburn or Lake Lewisville or Lake</p> <p>18 Whitney are very different than the Amistad Reservoir in terms</p> <p>19 of uses of the reservoir, the annual precipitation in the area,</p> <p>20 and other characteristics?</p> <p>21 MR. KNUDSEN: Object to form.</p> <p>22 A. I'd say annual -- annual precipitation, yes, sir. I</p> <p>23 have various annual precipitations from Rayburn to Whitney.</p> <p>24 There's going to be -- further west you go, less annual</p> <p>25 precipitation there is. However, the multipurpose nature of</p>

<p>1 the reservoir is, essentially, the same as -- as Whitney. 2 Q. (BY MR. BRYANT) We talked a little bit about the -- 3 about the backhoes that are pictured in your report. 4 Do you have any estimate -- estimate as to the 5 weight that would be -- how much those weigh? 6 A. It would depend on the size of the machine. But as 7 far as -- and the size of the machine would depend upon -- be 8 dependent upon the need as shown by the design, so you're going 9 to use the smallest machine possible. So there are excavators 10 out there that weigh, you know, 4-, 5,000 pounds, and there's 11 excavators that weigh a great deal more than that. 12 Q. I'm really talking about the ones that are pictured 13 in your report. Do you have any estimate -- 14 A. I don't know -- I don't know how much that one 15 weighs. The report was a picture to show, essentially, what an 16 excavator looks like. 17 Q. Okay. And if you put one of the excavators that are 18 pictured in your report on a barge, what would need to be the 19 draft of the body of water that would be necessary to 20 accommodate that? 21 MR. KNUDSEN: Object to form. 22 A. It would depend, again, on the -- the barge type, how 23 wide is the barge, the flotation material that you would use on 24 the barge, and it would also depend on how big of an excavator. 25 So you would just have to figure out those -- those variables </p>	<p>158</p> <p>1 on. 2 MR. BRYANT: Let's take a short break, and then 3 let's finish up. 4 THE VIDEOGRAPHER: The time is 2:59 p.m., and 5 we're off the record. 6 (Recess taken from 2:59 p.m. to 3:02 p.m.) 7 THE VIDEOGRAPHER: The time is 3:02 p.m., and 8 we're back on the record. 9 Q. (BY MR. BRYANT) Mr. MacAllister, are you aware of or 10 have any information about any goods that are now or have ever 11 been shipped across the Rio Grande -- Grande River at the 12 current site of the float- -- floating buoy barrier? 13 A. Not to my knowledge, no, sir. 14 Q. Are you aware of any current commercial navigation 15 across the Rio Grande River between Eagle Pass and Nuevo -- and 16 Nu- -- I'm sorry -- Piedras Negras? 17 MR. KNUDSEN: Object to form. 18 A. No, sir, I'm not aware. I don't know. 19 Q. (BY MR. BRYANT) Okay. If I understand your expert 20 correct -- report correctly, you are not able, at this time, to 21 determine any program of reasonable improvements that would 22 improve navigation on the Rio Grande River in the 275 to 610 23 stretch by any reasonably specific increment; is that correct? 24 MR. KNUDSEN: Object to form. 25 A. When I -- the way I use the word "increment" in the </p>
<p>159</p> <p>1 and run the calculation. 2 Q. (BY MR. BRYANT) One -- your expert report also 3 mentions the possibility of placing riprap on shorelines -- 4 A. Yes, sir. 5 Q. -- in the Rio Grande River. 6 What permits would be necessary from other 7 governmental bodies besides the Corps of Engineers in order to 8 do that? 9 A. From the bank stabilization standpoint, there would 10 be the -- we would take into account 404. However, we don't 11 usually self-i- -- we self-identify and we follow the same 12 ones. We usually don't self-permit. We do follow the exact 13 same principles. As far as any other permits, I'm not aware of 14 what other permits would be needed. 15 Q. Okay. Would you need permits from the State of Texas 16 if you placed that type of riprap on the Texas side of the Rio 17 Grande River? 18 A. Depending on who owns the river, you possibly -- you 19 would want to coordinate for sure, and if possible -- if 20 needed, then we could do that, yes. 21 Q. Do you know whether any studies would be necessary to 22 be done in order to get any permissions to place riprap on the 23 Texas side of the Rio Grande River in your 275 to 610 stretch? 24 MR. KNUDSEN: Object to form. 25 A. I'm not aware of any -- of any studies that have gone </p>	<p>161</p> <p>1 report is that you can do things such as those items in there, 2 and you can do them one by one and have minor incremental 3 enhancement or you could combine them to have a larger 4 incremental enhancement, but it would depend upon what's the 5 scope of that enhancement, what -- what -- what's the goal, 6 what -- what is the -- how much of an enhancement are we trying 7 to get to? 8 Q. (BY MR. BRYANT) And you don't have a goal, and 9 haven't been given a goal at this point? 10 A. Correct. Yes, sir. 11 Q. And therefore, you can and have listed improvements 12 that you think could incrementally enhance navigation, but you 13 can't say today, "We could do this much of these improvements 14 and achieve a specific level of enhancement"? That's all -- 15 you have to be determined sometime in the future? 16 MR. KNUDSEN: Object to form. 17 A. Well, the first part of that would be qualified 18 inside a Class A or a Class 1 vessel. And the second part of 19 that would be defining which levels, which areas. Do you want 20 the whole thing, do you want just portions of it? So no, I 21 don't have a -- an incremental plan to run the entirety of 22 the -- of the river, no. I would have to have the remainder of 23 the scope identified. 24 Q. (BY MR. BRYANT) Right. And -- and at this point, 25 you don't have a plan to accomplish any of those improvements </p>

<p>1 on any specific portion of the 275 to 610 stretch; is that 2 right?</p> <p>3 A. That's correct. An incremental enhancement, just 4 meaning, those -- these are the types of activities that could 5 be performed throughout the area depending on the level of 6 scope that would be requested.</p> <p>7 Q. All right. And similarly, for all those 8 improvements, the timing, the cost, the benefits, if any, are 9 all undetermined as of the time you completed your expert 10 report --</p> <p>11 MR. KNUDSEN: Object to form.</p> <p>12 Q. (BY MR. BRYANT) -- is that right?</p> <p>13 A. The assumption was that it had been authorized by 14 Congress, and so those activities would have been -- the -- 15 it's assumed that if Congress had authorized the project, that 16 all of that would have been taken into account. And whatever 17 Congress said was favorable, then that's what we -- that's the 18 reason we went and did it.</p> <p>19 Q. Okay. I -- I understand that the assumption is, it's 20 all taken care of. But is it also true that you can't know 21 what the cost would be, you couldn't calculate the cost until 22 you get more specifics as to what is to be done, and what's 23 the -- what's the goal?</p> <p>24 A. To further define the scope, yes, that's correct.</p> <p>25 Q. Okay.</p>	162	<p>1 Do you remember earlier in this deposition 2 discussing the need for congressional authorization for the 3 Corps to carry out projects?</p> <p>4 A. Yes.</p> <p>5 Q. Did you say in the course of your testimony that a 6 sponsor would be necessary for any such projects?</p> <p>7 A. Yes.</p> <p>8 Q. Okay. Did you state that the IBWC could be a sponsor 9 for a project on the Rio Grande?</p> <p>10 A. Yes.</p> <p>11 Q. Okay. Would the -- would the IBWC need to be the 12 sponsor for projects on the Rio Grande?</p> <p>13 A. Probably not. I mean, I'm sure that there's others 14 that could step in and be that sponsor.</p> <p>15 Q. Okay. In the -- in -- in the course of this case, 16 have you been asked to offer any opinions on historic uses of 17 the Rio Grande?</p> <p>18 A. I don't think I've been -- well, I mean, I've been 19 asked if I'm aware of -- of historic uses, yes.</p> <p>20 Q. Have you been asked to offer any -- any expert 21 opinions or expert testimony on historic uses of the Rio 22 Grande?</p> <p>23 A. Yes.</p> <p>24 Q. I'm sorry?</p> <p>25 A. Yes.</p>	164
<p>1 A. That's correct.</p> <p>2 Q. And is it also fair to say that at the time of 3 completion of your expert report, you cannot quantify the 4 extent of the improvements that would be necessary to the 275 5 to 610 stretch of the Rio Grande River to make it reasonably 6 suitable for use as a highway of commerce and trade up and down 7 the Rio Grande River?</p> <p>8 MR. KNUDSEN: Object to form.</p> <p>9 A. That was outside the scope of what I was actually 10 doing. I cannot provide that information. That's correct.</p> <p>11 MR. BRYANT: Okay. I'll pass the witness.</p> <p>12 MR. KNUDSEN: Thanks. Can we take a 5-minute 13 break?</p> <p>14 MR. BRYANT: Okay.</p> <p>15 MR. KNUDSEN: Thank you.</p> <p>16 THE VIDEOGRAPHER: The time is 3:09 p.m., and 17 we're off the record.</p> <p>18 (Recess taken from 3:09 p.m. to 3:15 p.m.)</p> <p>19 THE VIDEOGRAPHER: The time is 3:15 p.m., and 20 we're back on the record.</p> <p>21 EXAMINATION</p> <p>22 BY MR. KNUDSEN:</p> <p>23 Q. Mr. MacAllister, I -- this is Andrew Knudsen, Counsel 24 for the plaintiff. I just have a few questions to ask you 25 about your testimony this -- this morning.</p>	163	<p>1 Q. By who?</p> <p>2 A. By Mr. -- by the State.</p> <p>3 Q. Has the United States asked you to offer any opinions 4 on historical uses?</p> <p>5 A. Oh, no, sir.</p> <p>6 Q. Okay. Has the United States asked you to offer any 7 opinions on historical navigation of the Rio Grande?</p> <p>8 A. No, sir.</p> <p>9 Q. Are you an expert on historic uses of the Rio Grande?</p> <p>10 A. No, sir.</p> <p>11 Q. Are you an expert on historic navigation of the Rio 12 Grande?</p> <p>13 A. No, sir.</p> <p>14 Q. Have you done any research on those topics?</p> <p>15 A. No, sir.</p> <p>16 Q. All right. Can you turn to Exhibit 9 to your 17 deposition?</p> <p>18 A. Let me make sure I grab the right one. Sorry. I got 19 them all out of order now. I'm all screwed up. 3, 4 -- 20 actually, I'm pretty good. 6. Okay. Now, I'm not. Okay. 21 Which page?</p> <p>22 Q. Turn to Page 12, please.</p> <p>23 A. Okay.</p> <p>24 Q. And do you see at the bottom of the page where this 25 document is discussing the Rio Grande?</p>	165

<p>1 A. Yes.</p> <p>2 Q. And do you recall earlier in your deposition</p> <p>3 answering questions about the -- this section of this document?</p> <p>4 A. Yes, I was specifically remembering about Roma.</p> <p>5 Q. Okay. And you remember answering questions about</p> <p>6 whether there has ever been any practical navigation on the</p> <p>7 1,044 miles of river from El Paso to Roma?</p> <p>8 A. Yes.</p> <p>9 Q. Okay. Do you, yourself, have any information to</p> <p>10 assess the accuracy of what's in this document?</p> <p>11 A. No.</p> <p>12 Q. Okay. Thank you.</p> <p>13 Do you recall earlier in today's testimony being</p> <p>14 asked if the Fort Worth District grants permits or licenses or</p> <p>15 leases for commercial activities on the Rio Grande?</p> <p>16 A. Yes.</p> <p>17 Q. Okay. Does the -- does the Army Corps of Engineers</p> <p>18 permit commercial activity, generally?</p> <p>19 A. On -- on our projects, yes. On -- on our fee-owned</p> <p>20 projects, we have commercial activities, such as recreation</p> <p>21 leases and marina leases and that -- that kind of activity,</p> <p>22 yes, sir.</p> <p>23 Q. Is the Corps responsible for issuing permits to carry</p> <p>24 out commercial activity or to carry out projects that im- --</p> <p>25 impact natural resources within its jurisdiction?</p>	<p>166</p> <p>1 BY MR. BRYANT:</p> <p>2 Q. Mr. MacAllister, in your work that went into the</p> <p>3 expert report, did you make any effort to identify what types</p> <p>4 of commodities or products would be candidates for</p> <p>5 transportation on the Rio Grande River, either now or at any</p> <p>6 future dates?</p> <p>7 A. No, sir, I did not.</p> <p>8 Q. Why not?</p> <p>9 MR. KNUDSEN: Objection to form.</p> <p>10 A. The -- I was simply asked to -- within the scope of</p> <p>11 what I was asked to do, it wouldn't -- it's not relevant.</p> <p>12 Q. (BY MR. BRYANT) So you did not regard identifying</p> <p>13 potential subjects of commercial navigation in the 275 to 610</p> <p>14 stretch as being relevant to any of your work on this case?</p> <p>15 MR. KNUDSEN: Object to form. I'm also going to</p> <p>16 object to this as outside the scope of redirect.</p> <p>17 You can answer.</p> <p>18 A. Okay. What I was asked to do was discuss the</p> <p>19 enhancements that could be made for Class A and Class 1</p> <p>20 vessels. The types of activities associated with that is</p> <p>21 either use personal -- personal use for personal enjoyment,</p> <p>22 ecotourism, potential fishing guides, that kind of thing. So</p> <p>23 to that degree, yes, I did consider that. But as far as</p> <p>24 anything as -- as may have been described earlier or requested</p> <p>25 for information earlier, no, I didn't go past that.</p>
<p>167</p> <p>1 A. On -- in the operations and maintenance world where</p> <p>2 we own the areas and fee, it could be both. Where I don't</p> <p>3 owe -- own things and fee, it's -- it has to do with the</p> <p>4 regulatory program.</p> <p>5 Q. Okay.</p> <p>6 A. So I mean, if -- if there's recreational and</p> <p>7 commercial activities, but there's also -- water partners may</p> <p>8 ask for a intake structure, and that typically has to go</p> <p>9 through the NEPA process, which would then end up, ultimately,</p> <p>10 they would have to be issued a -- a permit of -- a 404 permit</p> <p>11 or a Section 10 or whatever -- whatever the -- wherever it's</p> <p>12 located.</p> <p>13 Q. Okay.</p> <p>14 A. That's what I meant by "it could be both."</p> <p>15 Q. Does the regulatory division of the Fort Worth</p> <p>16 District have jurisdiction over issuance of permits under Clean</p> <p>17 Water Acts Section 404 in the Rio Grande?</p> <p>18 A. It's my understand they do, yes.</p> <p>19 Q. And does the regulatory division have jurisdiction</p> <p>20 over creating permits under the Rivers and Harbors Act in the</p> <p>21 Rio Grande?</p> <p>22 A. It's my understanding they do, yes.</p> <p>23 Q. Okay.</p> <p>24 MR. KNUDSEN: No further questions.</p> <p>25 FURTHER EXAMINATION</p>	<p>169</p> <p>1 Q. (BY MR. BRYANT) Okay. And do you know how many</p> <p>2 fishing guides, if any, currently operate on the 275 to 610</p> <p>3 stretch of the Rio Grande River?</p> <p>4 A. Yeah, I do not know.</p> <p>5 MR. KNUDSEN: Objection to form. And again, beyond</p> <p>6 the scope of redirect.</p> <p>7 MR. BRYANT: Pass the witness.</p> <p>8 MR. KNUDSEN: I have no further questions for</p> <p>9 the witness.</p> <p>10 MR. BRYANT: Mr. MacAllister, thank you very</p> <p>11 much for your --</p> <p>12 THE WITNESS: Yes, sir.</p> <p>13 MR. BRYANT: -- for spending your day with us</p> <p>14 and for your knowledge. Appreciate it. And wish you a good</p> <p>15 weekend.</p> <p>16 THE WITNESS: Thank you.</p> <p>17 MR. BRYANT: Let's close the deposition.</p> <p>18 THE VIDEOGRAPHER: The time is 3:23 p.m., and</p> <p>19 we're off the record.</p> <p>20 (End of proceedings at 3:23 p.m.)</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p>

1 CHANGES AND SIGNATURE
 2 WITNESS NAME: TIM MACALLISTER DATE: MAY 31, 2024
 3 PAGE LINE CHANGE REASON
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1 UNITED STATES DISTRICT COURT
 2 WESTERN DISTRICT OF TEXAS
 3 AUSTIN DIVISION
 3 UNITED STATES OF AMERICA,)
 4 Plaintiff,)
 5 v.)
) No.: 1:23-cv-00853-DAE
 6 GREG ABBOTT, in his capacity)
 as Governor of the State of)
 7 Texas, and THE STATE OF)
 TEXAS,)
 8)
 Defendants.)
 9
 10
 11 REPORTER'S CERTIFICATION
 12 ORAL DEPOSITION OF
 13 TIM MACALLISTER
 14 MAY 31, 2024
 15
 16
 17 I, Amber Garcia, Notary Public in and for the State of
 18 Texas, hereby certify to the following:
 19 That the witness, TIM MACALLISTER, was duly sworn by the
 20 officer and that the transcript of the oral deposition is a
 21 true record of the testimony given by the witness;
 22 I further certify that pursuant to FRCP Rule 30 (e) (1)
 23 that the signature of the deponent:
 24 _____ x _____ was requested by the deponent or a party before
 25 the completion of the deposition and returned within 30 days

172

1 I, TIM MACALLISTER, have read the foregoing
 deposition and hereby affix my signature that same is true and
 2 correct, except as noted above.
 3
 4
 5 _____
 6 _____
 7 _____
 8 Before me, _____, on the day
 personally appeared TIM MACALLISTER, known to me (or proved
 9 to me under oath or through _____) to be
 the person whose name is subscribed to the foregoing
 10 instrument and acknowledged to me that he executed the
 same for the purposes and consideration therein
 11 expressed.
 12 Given under my hand and seal of office this
 _____ day of _____, A.D. 2011.

13
 14
 15
 16 Notary Public
 In and for the State of _____

17
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1 from date of receipt of the transcript. If returned, the
 2 attached Changes and Signature Page contains any changes and
 3 the reasons therefor;
 4 _____ was not requested by the deponent or a party
 5 before the completion of the deposition.
 6 I further certify that I am neither attorney nor counsel
 7 for, related to, nor employed by any of the parties to the
 8 action in which this testimony was taken.
 9 Further, I am not a relative or employee of any attorney
 10 of record in this cause, nor do I have a financial interest in
 11 the action.

12 Subscribed and sworn to on this the 10th day of June,
 13 2024.

14

15

16

Amber Garcia, Notary ID No. 13426953-9

17 Expiration Date: 3/24/2027

Integrity Legal Support Solutions

18 Firm Registration No. #528

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